



San Benito County Integrated Waste Management Department

3220 Southside Road • Hollister, CA 95023 • (831) 636-4110 • Fax (831) 636-4176 • E-mail: sbciwm@hollinet.com
Normandy A. Rose, Director

October 8, 2001

OCT 10 2001

TO: Terri Edwards, Integrated Waste Management Specialist
CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

FROM: Mandy Rose, Director
SAN BENITO COUNTY INTEGRATED WASTE MANAGEMENT
DEPARTMENT

SUBJECT: *New Base Year Study /Base Year 1999*

Enclosed please find a hard copy of the New Base Year Study submitted via e-mail on October 7, 2001 to your office for the San Benito County Integrated Waste Management Regional Agency.

This New Base Year Study submittal is intended as the revision to our original study submitted prior to the moratorium and diversion guide changes.

Our office will be working on documentation for City and County grasscycling programs, equipment salvage and landfill diversion. In addition, your ruling regarding the status of cannery waste is critical to this process.

Thank you for your assistance and we look forward to working with you in preparing this study for your Board's review.

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 2: Generation Study - Includes Extrapolation of Residential or Non-Residential Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

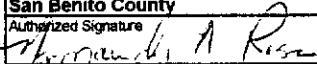
1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name San Benito County	County San Benito County		
Authorized Signature 	Title DIRECTOR		
Type/Print Name of Person Signing Normandy Rose	Date 10/3/01	Phone () (831) 636-4110	
Person Completing This Form (please print or type) Belinda Mak / Eugene Tseng	Title		
Affiliation EcoTelesis (non-profit environmental foundation)			
Mailing Address 3220 Southside Road	City Hollister	State CA	ZIP Code 95023
E-mail address sbcIwm@hollinet.com			

Section II: Information for New Generation-Based Study

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The County is using actual weigh tickets from recently installed scales at landfills to calculate disposal. A new generation based diversion study was conducted in 1999 - 2000 using the Diversion Study Guide methodology.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 10 %	Diversion rate calculated using new generation-based study	b. 37 %
For existing base year pounds/person/day based on generation	9	For new generation based study pounds/person/day based on generation	13
Residential generation 36 %	64 %	Non-Residential generation 16 %	84 %
Population existing generation-based study	36697	Population new generation-based study	48750

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide examples, e.g. change in jurisdiction's demographics.

The base year study was inaccurate. County required to a new base year study (1999) by the CIWMB through a Compliance Order. The landfills did not have scales in the base year. Scales were recently installed and the County is able to get a more accurate disposal tonnage. The County also experienced tremendous growth over the last 9 years.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

As stated above, this study is more accurate. Additional diversion programs have been implemented since 1990. Growth of business diversion activities and regional diversion activities have increased since 1990. Hugh shift in demographics due to influx of population from growth in Silicon Valley since 1990. This is not reflected in the population adjustment factor because the Department of Finance only uses relative proportions of the 1990 census population allocation for the years following 1990 until the new 2000 census is completed (estimate mid 2002).

7. Disposal Tonnage: (Enter values)		Residential	Non-Residential	Total
All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)		53580	76810	

- Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.
- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
 - b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.civmbs.ca.gov/civilaffairsforms/rytnmdq.doc>)
 - c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.civmbs.ca.gov/civilaffairsforms/rytnmdq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: the Board expects the jurisdictions to be able to provide all back-up documentation, if requested.) Include type of record and location—for example weight tickets from transfer stations. This section should capture all diversion tonnage form will perform all addition calculations) If any diversion is from restricted wastes (i.e., agricultural wastes, inert solids (e.g. concrete, asphalt, dirt, etc.), while goods, and scrap metal), please identify those programs/waste types and fill out section 11. Note: Restricted waste material should not be extrapolated in non-residential waste audits. Please mark as attachment 8 all copies of survey forms.

* Please provide detailed non-residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Estimated by extrapolated tons	Total tons	Relative Percent to Total Generation	Specific material types	Specific diversion factors used if any) and Source	Type of record and location for record
Please list the Board's program type. The program type description is online at http://www.civmbs.ca.gov/civilaffairsforms/rytnmdq.doc . Capital/PARS/Credit/Exclusion here.	(A)	(B)	(A+B)	(A+B)/Total Generation	(List programs with multiple materials together)		
Residential Activities							
Source Reduction							
Backyard Composting							
Composting							
Other residential source reduction (list each program separately)							
Enter program name							
Enter program name							
Enter program name							
Enter program name							
Source Reduction	0	0	0	0			
Curbside Recycling							
Mixed paper and container materials (A, plastic, glass, metal cans)	213	N/A	213	0.7%	Actual Weight	Recycling Tonnage Report - San Benito County Integrated Waste Management Department	
Aluminum, plastic, and glass redemption containers	1066	N/A	1066.98	1.3%	Actual Weight	Recycling Center Tonnage Information-Department of Conservation	
Drop-off Centers							
Enter residential recycling drop-off center program name							
Enter program name							
Enter program name							
Enter program name							
Enter program name							
Drop-off Centers	129	N/A	129	0.4%	Actual Weight	Recycling Tonnage Report - San Benito County Integrated Waste Management Department	
Composting							
Green waste drop-off	159	N/A	159	0.1%	Actual Weight	Recycling Tonnage Report - San Benito County Integrated Waste Management Department	
Curbside Green waste							
Christmas Tree program							

Type of record and location of record						
Diversion Activity	Actions	Estimated or anticipated tons	Total tons	Relative Percent to Total Generation	Specific material types(s)	Specific conversion factor used in PPN and Source
Residential Bulky Item Audit	[A]	[A-4]	[A-4]	[A-4]	[List programs with multiple materials together]	[A-4] (Official Estimation)
The program type category is one of the following:						
Residential/Commercial						
Residential/Commercial/Industrial						
Residential/Commercial/Industrial/Commercial						
Other residential source (list each program separately)						
Enter program name		N/A				
Enter program name		N/A				
Enter program name		N/A				
Enter program name		N/A				
Subtotal Residential	[B]	[B]	[B]	[B]	[B]	
Composting	[C]	[C]	[C]	[C]	[C]	
Subtotal Residential/Residential/Division	[D]	[D]	[D]	[D]	[D]	
Non-residential/Commercial/Industrial/Commercial						
Source Reduction	[E]	[E]	[E]	[E]	[E]	
Non-residential Waste Audit	[F]	[F]	[F]	[F]	[F]	
Other non-residential source (list each program separately)						
See Section 9						
1060-SR-MTE - Thrift Shop / Re-County Tire Recap Program	497	N/A	497	0.4%	Clothing, couches, shoes.	Actual Diversions Report and Donation Volumes - Salvation Army
Enter program name		N/A	563	0.0%	Tires	Truck tires @ 132 pounds each. Data from County Waste Management Department
Enter program name		N/A				
Enter program name		N/A				
Subtotal Non-Residential	[G]	[G]	[G]	[G]	[G]	
Source Reduction	Receiving					
Non-residential Waste Audit	7752	13233	20564.956	18.7%	See Section 9	See Section 9
Other non-residential source (list each program separately)						
City Equipment Salvage		N/A			County Equipment, furniture, etc	Not included (lacking documentation)
County Grasscycling Program		N/A			Greenwaste	Not included (lacking documentation)
Enter program name		N/A				
Enter program name		N/A				
Subtotal Non-Residential	7752	13233	20564.956	18.7%	See Section 9	See Section 9

Diversions Activity	Activations	Estimated or With applied tons	Total Tons Generated	Relative Percent to Total Generation	Specific diversion Factor used if applicable and Source	Type of diversion and location if used
Please use the table's program types. The program type classification is shown at: http://www.ciwmbs.org/2001/2001%20S%20SITES%20Classification.htm						
Residential Waste Aucths*	(A)	(B)	(A+B)	(A+B)/Total Generation	[List programs with multiple materials together]	
Composting						
Non-residential Waste Aucths*	2	19	20.75	0.0%	See Section 9	See Section 9
Other Non-Residential Compo	10	11	21	0.0%	See Section 9	See Section 9
Enter program name		N/A				
Enter program name		N/A				
Enter program name		N/A				
Enter program name		N/A				
Subtotal: Non-Residential Composting	2	21	20.75	0.0%		
Subtotal: Non-Residential Diversion	15048	18713.1235	33161.376	30.1%		
Residential/RH Residential Division Activities						
ADC						
Sludge	51	N/A	50.81	0.0%	CWMB DRIS identified as "Green Materials" and "Others"	Landfill records from Crazy Horse Landfill Monterey Regional Waste Management District / Marina Landfill
Scrap metal		N/A				
Construction and Demolition	397	N/A	397	0.4%	Metals	Reported by Business, shown in Attachment 9 detail and outlier analysis
Landfill salvage	3601	N/A	3901	3.2%	Concrete	Reported by Business, shown in Attachment 9 and outlier analysis
Subtotal Residential/Non- Residential Diversion	2226	N/A	2226	2.0%	Beneficial reuse at County Landfill (Road Base Recycling)	Part of Removed Restricted Materials (non- extrapolated) meeting RW criteria
Total Residential Scouring Reduction Tons	3276	6274.81	5.0%			
Total Residential Tons	7294	5461	12755	11.4%		
Total Diversion Tons	22761	18713.1235	41474.576	37%		
Total Disposal Tons from Sec 7	70430		71609.82	63.0%		
Total Generation (Div+7)	93571	18713.1235	112684.195			
					Diversion Rate %	37%

9. Specific Non-Residential Sector Waste Audits – Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from the largest to smallest, based on total diversion tons.
Audit reference number ties to your audit sheets.

(Form will perform all calculations).

Include attachment, marked attachment 9, which includes a summary of all the generators surveyed and all extrapolation calculations used to estimate the diversion rate:

- Include copies of survey form(s) used.
- Include for each generator (use type of generator in lieu of specific generator name, e.g. grocery store) each specific diversion activity and material type (e.g. cardboard recycling) and the associated tonnage for each diversion activity/material type, and applicable conversion factors/source.
- If using number of employees for your extrapolation method, include this information for each generator surveyed.

Please order the non-residential generators, largest to smallest, based on total diversion tons.

Also, summary should include the generators that were selected to be surveyed, but did not respond to the survey and the number of employees at each generator.

- As a comparison between disposal from the waste audits and DRS, the disposal for each generator must be included in the summary. Also, you should note if the disposal is being used for the extrapolation calculation. For each non-residential generator, the disposal must be broken out by cubic yard, and roll-off or compactor weights. If disposal was estimated for either disposal-based or employment-base extrapolation methods, please include conversion factor(s) for disposal and source for conversion factor(s). Please provide an explanation as to how the conversion factor(s) is (are) appropriate for your jurisdiction, e.g. study was conducted to determine average weights using hauler weight tickets, etc.

Type of Non-Residential Generator	Audit Reference Number	Specific Diversion Activities, include material type (e.g. paper recycling, grass recycling). (List activities on one line)	Number of Employees	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation 10 Section 8)	Survey Method	Phone (P)	Mail (M)	On-site (O)	Other _____
Concrete Batch Plant		1 Conveyor belt given to farmers as wear padding/mats Metal rebar recycling, concrete crushing of some materials previously disposed for use as aggregate, cardboard box reuse, pallet reuse,	25	6	3614		3619.151	3.2%					
Fruit / Nut Processor		2 Recycle walnut shells into feedstock for wood products, sell to wood products market in Los Angeles, Toner cartridge recycling, Reuse of pallets.	70	3002	17		3036.14	2.7%					
Wood Shingle Manufacturer		3 Recycle shrinkwrap plastic, Recycle dry sawdust, non-dry sawdust used as horse bedding material, Reuse (by recycling) long wood trim scraps as spacers (retail required), recycle short wood trim (wood recycler), reuse pallets, recycle steel strapping, pallets recycled as wood,	125	807	1124		1930.43	1.7%					
Grocery/Packer/Shippers		4 Recycle cardboard, lettuce trim/spoils turned into cattle food, pallet reuse	190	5	929		934.03	0.8%					

Country Club	5 Grasscycling of 250 acres of lawn area. Cardboard recycling, newspaper recycling, plastic bucket and drum reuse, return core parts for refurbishing (metal) and toner cartridge reuse.	118	33	1626		1668.968	1.5%	
Supermarket	6 Cardboard recycling white office paper recycling, food donation, rendering of meat scraps, plastic tote reuse, and pallet reuse.	106	419	121		639.84	0.5%	
Supermarket	7 Cardboard recycling and reuse, newspaper recycling vegetable trim/spills recycled surplus baked goods/foods donation, totes used instead of cardboard.	83	275	77		352.4886	0.2%	
Supermarket	8 Cardboard recycled and reused, office paper reduction, donate surplus foods, toner cartridge reuse, use of wood boxes replacing O/C, pallet reuse, grasscycling(greenwaste).	16	100	25		125.28	0.1%	
Supermarket	9 Cardboard recycling , plastic recycling, paper recycling, use of single sided paper as scratch paper, donations, return merchandise salvage, plastic bucket giveaway to employees and reuse, toner cartridge recycling.	92	294	46		340.01	0.3%	
Picture Frame Manufacturer	10 Glass recycling, cardboard recycling, cardboard box reuse, styrofoam kernel reuse as packaging, reuse pallets, toner cartridge reuse, frame matting recycling	150	296	12		307.84	0.3%	
	Total	976	5248	7552		18227		

Summarize the non-residential diversion activities for the top 10 generators quantification methodology and applicable conversion factors and sources. (e.g. cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

Please see attachment

10. On a separate sheet of paper, marked attachment 10, provide the following information for each diversion program listed in section 8 that was extrapolated from representative sampling. (Note: Do not include non-respondents in extrapolation because there is no data from the non-respondents. Extrapolate from survey respondents.)

A. Describe sampling method including:

- Type of sampling method (for either stratified or cluster sampling provide detailed information on how strata and clusters were collected.);
- Total number of samples included in the survey;
- Number of non-respondents and respondents;
- Total population;
- Source for identifying population (e.g. city business licenses, commercial database, resident's addresses, etc.);
- Relation of sample size to total population;
- Survey data collection tool(s) and approaches;
- Confidence level and margin of error for the sampled population;
- Outliers (specific generators which fall significantly above or below others) should be removed from base amount prior to extrapolation; and
- Unusual outliers and exceptional anomalies should be described in detail.

B. Describe the methods used to prevent double-counting between the surveys and the reported tonnages from haulers, recyclers, MRFs and composters.

C. Describe extrapolation method including:

- Basis of extrapolation;
- Why this extrapolation method is appropriate; and
- Sources of information used for extrapolation, such as disposal or employment.
- Include all Calculations.

11. For each restricted waste type [(i.e. agricultural waste, inert solids (e.g. concrete, asphalt, dirt, etc.), scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table:

(Note: program name refers to one specific diversion program for that waste type, for example diversion conducted by City Public Waste Dept.)

Restricted Waste Type	Specific Program name	Year started	Tonnage
Scrap Metal	Metals from audits (described on audit forms), either new programs start in 1990 or new base year 397	1990	397
Inert Solids	Landfill salvage is mostly Inerts received at County Landfill (jurisdiction)	for the year 1999	2226
Inert Solids			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 11b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 11b for that waste type and program. Instead please provide date of Board approval of previous submitted information.) _____ (Date)

If documentation is not available, go to 11d.

▪ How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 11b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Inert Solids		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 11b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Inert Solids	Ready mix concrete crushed on site	difference is reported by the		3600
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Attachment 11 Restricted Waste

- 11a. Restricted waste diversion program started after January 1, 1990

Inert Recycling from the Diversion Study Audits starting after 1990

During the audits, 1 tons of inert materials were identified as new programs starting after 1990. Credit was only provided to those businesses that meet one of the following three criteria: 1) a new program starting after 1990, 2) a new company in the jurisdiction after 1990, or 3) data available of inerts recycling before 1990 and during 2000 to take credit for the difference in tonnage. Note, 1 tons of restricted inert materials collected from the audits was not counted towards the total construction and demolition materials in the Diversion Study application.

Scrap Metal Recycling from the Diversion Study Audits starting after 1990

During the audits, 377 tons of scrap metal were identified as new programs starting after 1990. Credit was only provided to those businesses that meet one of the following three criteria: 1) a new program starting after 1990, 2) a new company in the jurisdiction after 1990, or 3) data available of scrap metal recycling before 1990 and during 2000 to take credit for the difference in tonnage. Thousands of tons of scrap metal were identified in the audits; only 377 tons were claimed as programs starting after 1990.

Attachment 11 Restricted Waste (continued)

- 11b. Restricted waste diversion program started before January 1, 1990

N/A

- 11c. Restricted waste diversion program started before January 1, 1990 (requested documentation available)

N/A

- 11d. Restricted waste diversion program started before January 1, 1990 (requested documentation not available)

N/A

Board Meeting
April 16-17, 2002

Board Meeting
April 16-17, 2002

Agenda Item
Attachment 2a

On-Site Surveys Reference	Business Type	Activity Description	Number of Employees (weight in pounds)	Recycling	Source Reduction	Composting	Metals	Inerts	Material Type	Conversion Factor	Source
1 Bar - Restaurant		recycles paper reuses buckets	42000		8.00	0.00	0.00	0.00	paper plastic	36 lb/each time 1.9 bucket	Business Estimate USEPA
Bar - Restaurant		recycling OCC	1.0	4200.00	8.00	0.00	0.00	0.00	paper	2.2 lb/box 2.2 box	USEPA
2 Convenient Store		reusing OCC	5.0	22,880.00	4,004.00	0.00	0.00	0.00	paper plastic	16 lb 18 pallets x 40 lbs/pallet	Business Estimate USEPA
Convenient Store		reusing OCC	780.00	22,880.00	4,004.00	0.00	0.00	0.00	paper	16 lb 18 pallets x 40 lbs/pallet	Business Estimate USEPA
3 Electrical Contractor		reusing pallets							other organic plastic	6.27 lb/cy	Telus
		reusing Styrofoam kernels							other organic paper	2.6 tonne	Business Estimate USEPA
		reused as scratch recycle toner cartridge							organic other organic	150 lb/box 40 lbs/pallet	Business Estimate CINWMB
Electrical Contractor		compost expired plants	23.0	15.00	15.00	0.00	0.00	0.00	paper	50 lb/cy	Business Estimate USEPA
4 Seed Preparation		Pallets Reused	4.0	0.00	0.00	1,500.00	0.00	0.00	paper	45 lb/month 3.2 pallets x 40 lbs/pallet	Business Estimate USEPA
		Pallets, Returned		1,800.00	540.00	12.00	0.00	0.00	paper	750 lb/year	Business Estimate CINWMB
Seed Preparation		OCC recycled							other organic	2000 lb/year	Business Estimate Telus
6 Traffic & Safety Equipment Signage		OCC, Reused							metal	6.27 lb/cy	Business Estimate CINWMB
		Pallets, Reused							plastic	300 lb/month	Business Estimate USEPA
		Paper, Office used as scratch							paper	50 lb/cy	Business Estimate CINWMB
		Metal, Scrap							paper	46.8 pallets x 40 lbs/pallet	Business Estimate Telus
		Styrofoam Kernel reused							other org	50 lb	Business Estimate USEPA
Traffic & Safety Equipment Signage		OCC recycled	4.0	1,800.00	1,098.00	0.00	2,000.00	0.00	paper	329.5 lb/cy	Business Estimate CINWMB
7 Mtg RV Parts		OCC, Reused		3,600.00	600.00	0.00	0.00	0.00	paper	2,000 lb/2 mo	Business Estimate Field Weight
		Pallets Reused/Returned			1,872.00	0.00	0.00	0.00	paper	35 Edum	Business Estimate Field Weight
		Paper, Office			450.00	0.00	0.00	0.00	paper	50 lb	Business Estimate Field Weight
		Wood Waste burned as firewood			34,269.00	0.00	0.00	0.00	paper	50 lb	Business Estimate Field Weight
		Toner Cartridge sent back			45.00	0.00	0.00	0.00	other	2.5 tonne	Business Estimate Field Weight
		Metal, Scrap recycled							other	2.5 tonne	Business Estimate Field Weight
		Steel 55 Gallon Drums reused							metal	2000 lb/2 mo	Business Estimate Field Weight
Mtg RV Parts		Steel 55 Gallon Drums reused	32.0	3,645.00	37,190.00	0.00	210.00	0.00	metal	35 Edum	Business Estimate Field Weight
8 Custom Built Motorcycle		OCC, recycled		10,400.00	288.00	0.00	0.00	0.00	paper	50 lb/cy	Business Estimate USEPA
		Pallets, Reused			280.00	0.00	0.00	0.00	paper	22.55 lb	Business Estimate Telus
		Paper, Office							paper	50 lb	Business Estimate USEPA
		Toner Cartridge recycled			10.00	0.00	0.00	0.00	other	2.5 lb	Business Estimate USEPA
Custom Built Motorcycle		Pallets, Reused	32.0	10,410.00	568.00	0.00	0.00	0.00	other org	72 pallets x 40 lbs/pallet	Business Estimate USEPA
9 Mushroom Spawn		OCC, recycled			2,890.00	0.00	0.00	0.00	paper	50 lb/cy	Business Estimate USEPA
		Paper, Bags			13,728.00	0.00	0.00	0.00	paper	25 lb	Business Estimate Field Weight
		Plastic bags - LDPE			12,000.00	0.00	0.00	0.00	paper	1.1 box	Business Estimate Field Weight
		Plastic Totes instead of OCC			7,800.00	0.00	0.00	0.00	paper	1.1 box	Business Estimate Field Weight
		OCC, Dispensers 24 boxes			61,776.00	0.00	0.00	0.00	paper	1.1 box	Business Estimate Field Weight
Mushroom Spawn		Mushroom 1 Spawn	35.0	27,458.00	195,000.00	0.00	0.00	0.00	organic	6.5 tonnes/cy/yr	UCLA study estimate
10 High School - Public		OCC, Reused		2,800.00	520.00	0.00	0.00	0.00	paper	35 lb/cy	Business Estimate Business Estimate
		Wood from pallets used in wood shop			400.00	0.00	0.00	0.00	paper	10 box	Business Estimate Business Estimate
		Paper, Office			5,238.00	0.00	0.00	0.00	paper	40 boxes	Business Estimate Business Estimate
		Paper, OHP			2,100.00	0.00	0.00	0.00	paper	15 box	Business Estimate Business Estimate
		Toner Cartridge			135.00	0.00	0.00	0.00	paper	35 lb	Business Estimate Business Estimate
		Grasscycling			195,000.00	0.00	0.00	0.00	paper	2.5 tonne	Business Estimate Business Estimate
		Lost Clothing donated			50.00	0.00	0.00	0.00	other organic	6.5 tonne/cy/yr	Business Estimate Business Estimate
High School - Public		OCC, Reused	27.0	10,136.00	196,105.00	0.00	0.00	0.00	paper	40 lb/week	Business Estimate Business Estimate
11 Research & Develop: Fruits & Vegetable		OCC recycled		3,120.00	780.00	0.00	0.00	0.00	paper plastic	15 lb/week 6 boxes	Business Estimate Business Estimate
		Paper, Office			6,240.00	0.00	0.00	0.00	paper	156 pallets x 10 lbs/pallet	Business Estimate Business Estimate
		Film & Stretch Plastic reused to line flats			385.00	0.00	0.00	0.00	paper	15 lb	Business Estimate Business Estimate
		Plastic Totes instead of OCC			780.00	0.00	0.00	0.00	paper	24 lb/55 gallon drum	Business Estimate Field Weight
		Metal, Steel Drums 25 gallon			700.00	0.00	0.00	0.00	paper	35 bushel	Business Estimate Field Weight
Research & Develop: Fruits & Vegetable		OCC, Starched	45.0	3,900.00	8,365.00	0.00	140.00	0.00	paper	50 lb	Business Estimate Business Estimate
12 Autoparts		OCC, Reused		5,200.00	780.00	0.00	0.00	0.00	paper	15 b	Business Estimate Business Estimate

Agenda Item
Attachment 2a

Wood Shop		300.00	210.00	other org paper	23 lb	Business Estimate USEPA
Paper, Office	3.5 reams/month used as scratch			metal	5 lb/ream	Business Estimate
Metal, Core Parts, Returned			1,800.00	metal	150 lb	Business Estimate
Metal, Core Parts, Rebarred			4,800.00	metal	400 lb	Business Estimate
Battery, Auto			36,400.00	metal	33 lb/battery	Field Weight
Plastic Tires instead of OCC				1.5 bushbox	1.25 lb/box	Field Weight
Plastic Totes instead of OCC		1,170.00		paper	50 box	Business Estimate
Autoparts	OCC, recycled	5,200.00	5,892.00	0.00	0.00	Business Estimate
13 Packing & Shipping, Apple/Asian/Pear	OCC, Reused	4,400.00		paper	200 lb/week	Business Estimate
Packing & Shipping, Apple/Asian/Pear	Wood Waste		500.00	paper	50 box	Business Estimate
Metal, Scrap		1,600.00		other org paper	2.6 bfrtner cartridge estimate	Business Estimate
Toner Cartridge		10.00		other	2.6 bfrtner cartridge	Business Estimate
Plastic, 55 Gallon Drums		1,050.00		plastic	24 lb/55 gallon drum	Field Weight
Metal, 55 Gallon Steel Drum		4,410.00	2,550.00	0.00	35 bfrtner	Field Weight
OCC, Box, Medium		396.00		metal	2.6 bfrtner cartridge	Business Estimate
Toner Cartridge		30.00		paper	2.6 bfrtner cartridge	Business Estimate
Paper, Office, PAK		3,049.20		other	42.35 lb/55 gal bag	Business Estimate
Commercial Bank	OCC, recycle	6.5	3,475.20	0.00	0.00	Business Estimate
Pallets, Reused		650.00		paper	50 lb/box	Business Estimate
Paper, Office		95.00		other org paper	2.4 pallets x 40 lbs/pallet	Business Estimate
Metal, Scrap 55 Gallon Drum-recycled		38.00		paper	50 lb	Business Estimate
Plastics, Buckets with metal handle		23.00		metal	226.5 lb/55 gal drum of scrap	Business Estimate
Metal, Steel Drums 55 gallon-source reduced				plastic	19 lb/box	Business Estimate
Batteries				metal	35 lb	Field Weight
Metal, Core Parts, Returned		650.00	157.00	0.00	35 lb	Field Weight
Auto Repair		0.00	445.00	0.00	100 lb/week	Business Estimate
Bed/sheet donated		7.5	0.00	0.00	4.5 bfrtner spread	Field Weight
Motel	OCC	6,240.00	10.00	paper	30 lb/box	Business Estimate
17 Pizzaia	Paper, Office		2,160.00	paper	3 bfrtner	Field Weight
Metal Ferrous #10 Tincans		312.00		metal	77 bfrtner	Business Estimate
Plastic Totes instead of OCC		234.00		paper	1 bfrtner	Field Weight
Pizzaia	Plastic Totes instead of OCC	3.0	6,240.00	0.00	15 lb/box	Business Estimate
18 New & Used Car Dealer	OCC, Reused	556.00	780.00	0.00	2.4 pallets x 40 lbs/pallet	Business Estimate
	Styrofoam Kernal		96.00	0.00	30 lb/box	Business Estimate
	Pallets, Reused	20.00		paper	15 lb/box	Business Estimate
	Paper, Office Reused		336.00	0.00	6.27 lb/cy	Business Estimate
	Toner Cartridge	30.00		other org paper	2.4 pallets x 40 lbs/pallet	Business Estimate
	Metal, Engines and Transmission			paper	30 lb/box	Business Estimate
Tires		4,500.00		other	30 lb/box	Business Estimate
Batteries, Automobile				metal	35 lb/battery	Business Estimate
Metal, Wheel Balance Weight				metal	2000 lb	Business Estimate
Metal, Core Parts, Returned				metal	30 bfrtner	Business Estimate
Metal, Radiators				other	2.5 bfrtner	Business Estimate
New & Used Car Dealer				metal	225 lb	Business Estimate
19 Movie Rental				plastic	30 lb/box	Business Estimate
Movie Rental				paper	8 pallets x 40 lbs/pallet	Business Estimate
Retail Linen				metal	30 lb	Business Estimate
Retail Linen				other	100 lb/month	Business Estimate
21 Auto & Truck Full Range Service	OCC, recycled	2.5	0.00	0.00	25 bfrtner	Business Estimate
	OCC, Reused	650.00		paper	35 lb/battery	Business Estimate
	Pallets, Reused		650.00	0.00	30 lb/battery	Business Estimate
	Paper, Office - scratch		32.00	0.00	12.5 lb/box	Business Estimate
	Metal, Core Parts, Returned		22.00	0.00	8 pallets x 40 lbs/pallet	Business Estimate
	Tires - Replaced			paper	40 lb/cy	Business Estimate
	Batteries rec'd			metal	20 lb	Business Estimate
	Radiators rec			plastic	520.00	Business Estimate
Auto & Truck Full Range Service	OCC, rec	6.0	650.00	0.00	1,050.00	Business Estimate
22 Fast Food	Paper, Office rec		10,400.00	0.00	2,250.00	Business Estimate
	Paper, OHP rec		312.00	0.00	0.00	Business Estimate
	Baked Goods, Supplies for		1,040.00	0.00	0.00	Business Estimate
	Plastic Totes instead of OCC			paper	1 lb	Business Estimate
	Baked Goods, Supplies for			paper	520.00	Business Estimate
	Plastic Totes instead of OCC			paper	520.00	Business Estimate
	Baked Goods, Supplies for			paper	520.00	Business Estimate
	Plastic Totes instead of OCC			paper	520.00	Business Estimate

Board Meeting
April 16-17, 2002

Agenda Item
Attachment 2a

Fast Food									Field Weight
23	Evergreen Warehouse & Distribution								Business Estimate
	Plastic Totes instead of OCC	17.5	11,752.00	2,800.00	0.00	0.00	0.00	paper	15 lb box
OCC-rec			26,000.00	3,640.00				paper	500 lb week
OCC, Reused			35,100.00					paper	18 oz each
Paper, Office			13,260.00					paper	85% of 15600 lb/year
Paper, Office Reused			2,650.00					paper	15 % of 15600 lb/year
Paper, Office			9,880.00					paper	38 lb
Paper, OHP								paper	Business Estimate
Reading Glasses, Returned			1,500.00					other	Business Estimate
	100.0	39,250.00	49,130.00	0.00	0.00	0.00	0.00	paper	Field Weight
OCC-rec			1,040.00					paper	20 lb
Paper, Office White Paper			15.00					paper	5 lb/ream
Plastic, bucket/wheeled handle			46.00					paper	15 lb bucket
Organic, Fruit & Veg. Waste-collected and taken to ranch for ci			2,600.00					paper	USEPA
Plastic Totes instead of OCC			250.00					paper	Business Estimate
Plastic Totes Instead of OCC			520.00					paper	Field Weight
Plastic Totes instead of OCC			1,040.00					paper	Field Weight
	20	1,040.00	4,481.00	0.00	0.00	0.00	0.00	paper	Field Weight
Cafe & Sandwich Shop									Business Estimate
OCC, Rec			2,600.00					paper	50 lb/cy
OCC, Reused			520.00					paper	10 lb
Soybean Kernel, reused			1,630.00					paper	6.27 lb/cy
Pallet, Reused			20,800.00					paper	520 pallets x 40 lbs/pallet
Paper, Office-rec			3,120.00					paper	Business Estimate
Paper, Office Reused			180.00					paper	Business Estimate
Wood, Wtire			29,640.00					paper	Business Estimate
Toner Cartridge			30.00					paper	Field Weight
Metal, Scrap Aluminum Scrap					4,200.00			paper	USEPA
Metal, Scrap Stainless Steel					18,000.00			paper	Business Estimate
Metal, Scrap Ferrous					180,000.00			paper	Business Estimate
Metal, 55 Gallon Steel Drum					7,700.00			paper	Business Estimate
	100.0	5,720.00	52,800.00	0.00	209,900.00	0.00	0.00	paper	Field Weight
Assembly of Computers			0.00	300.00					Business Estimate
	0.00	5.00							Business Estimate
OCC, Reused			5.00						Business Estimate
Soybean Kernel			1,684.00						Business Estimate
Plastic, Bubble Wrap			30.00						Business Estimate
Pallets, Reused			137.00						Business Estimate
Paper, Office			137.00						Business Estimate
Plastic, bucket/wheeled handle			4,000.00						Business Estimate
Ties-given to schools and charity homes for art projects			6,141.00	0.00	0.00	0.00	0.00	paper	Business Estimate
	3.0	0.00	45.60					paper	Business Estimate
Indoor Tiles - Sale & Installation									Business Estimate
27	Confectionary shop								Business Estimate
Coffee/tea shop			5.0	0.00	10,985.50	0.00	0.00	paper	Field Weight
	Pallets, Reused		14,400.00		9,600.00			paper	Business Estimate
Pallets			90,000.00					paper	Field Weight
OCC								paper	Business Estimate
Metal, 55 Gallon Steel Drum						436.50		paper	Business Estimate
Metal, Scrap						126,846.00		paper	Business Estimate
	Farm		104,400.00	9,600.00	0.00	121,276.50	0.00	paper	Business Estimate
Manufacture printed circuit boards			624.00					paper	Business Estimate
	Pallets, Reused		75.00					paper	Business Estimate
Toner Cartridge			3,734.00					paper	Business Estimate
Plastic, 55 Gallon Drums			494.00					paper	Business Estimate
Plastic, bucket/wheeled handle								paper	Business Estimate
Metal, Steel Drums 55 gallon								paper	Business Estimate
Metal, Scrap								paper	Business Estimate
	320	0.00	4,927.00	0.00	12,810.00	0.00	0.00	paper	Business Estimate
OCC, Scavenged			1,300.00					paper	Business Estimate
OCC, Reused			2,600.00					paper	Business Estimate
Paper, Office			750.00					paper	Business Estimate
Paper, Office Reused			187.50					paper	Business Estimate
Pallet, Reused			4,160.00					paper	Business Estimate
Toner Cartridge			10.00					paper	Business Estimate
Merchandise, Returned								paper	Business Estimate
Wooden Cable Reel			600.00					paper	Business Estimate
	5.0	1,310.00	8,897.50	0.00	0.00	0.00	0.00	paper	Business Estimate
OCC			39,000.00					paper	Business Estimate
Pallets, Reused			5,412.00					paper	Business Estimate
	32	Breeding Rats and Mice for Labs	48.00					paper	Business Estimate
Toner Cartridge			48.00					paper	Business Estimate
Plastic, 55 Gallon Drums			24 lb					paper	Business Estimate

Agenda Item
Attachment 2a

Business Estimate
Toner Cartridge
Plastic, Vinyl Trim
Metal, Aluminum Scrap
Metal, Ferrous Sheet Scrap
Metal, 55 Gallon Steel Drum
Other, Damaged Goods
Grease
Coffee Grounds
Fast Food
109 Manufacturer of Ordnances
110 Bar
111 Hard & Soft Furniture & Mattresses
Hard & Soft Furniture & Mattresses
Restaurant
112 Restaurant
113 Bicycles & Sports Equipment
Nursery
114 Parish/Tourist Attraction
Seed Company
115 Nursery
Nursery
116 Parish/Tourist Attraction
117 Seed Company
118 Sake Distilling/Bottling/Warehouse/Distribution
Sake Distilling/Bottling/Warehouse/Distribution
119 Climate Controlled Produce Storage & Shipping

	Paper, Office	780.00	780.00	paper	5 bream	USEPA
	Metal, Salvaged Equipment Parts	78,000.00	500.00	metal	estimate	Business Estimate
	Produce Trims & Spills		15.00	organic	1500 lb/month	Business Estimate
	Toner Cartridge			other	2.5 toner	USEPA
	Plastic Totes instead of OCC			paper	.75 box	Field Weight
120	Climate Controlled Produce Storage & Shipping	31.0	144,500.00	51,300.00	0.00	0.00
	OCC, Reused	10,400.00	2,600.00	paper	400 bales	USEPA
	Pallet, Reused		41,600.00	other organic	50 b	USEPA
	Paper, Office		1,200.00	paper	1040 pallets x 40 lbs/pallet	USEPA
	Plastic ABS Drum	57,600.00		plastic	50% of 2400 lb	Business Estimate
	Metal, 55 Gallon Steel Drum	21,000.00	83,000.00	metal	24 b/drum	Field Weight
121	Liquid Chemical - Filter/Blend/Distribute	6.5	89,000.00	108,400.00	0.00	0.00
	OCC, Box, Medium	10,296.00	345.80	paper	2.2 b/drum	USEPA
	Plastic bucket w/hinged handle		9,834.00	plastic	1.9 bucket	USEPA
	Grease	11.0	20,130.00	other organic	7.45 gallon	USEPA
122	Restaurant		0.00	0.00	0.00	
	Fast Food		0.00	0.00	0.00	
123	Pet Store					
	OCC, Box, Medium	8.0	3,432.00	0.00	0.00	
	Plastic Pallet		3,432.00	paper	2.2 box	USEPA
	OCC, Box, Medium	3.0	1,456.00	plastic	36.4 pallets x 40 lbs/pallet	USEPA
124	Pharmacy/Retail Gift			paper		
	OCC, Box, Small	1,659.60	1,456.00	paper	2.2 box	USEPA
	Shredded Paper		861.30	plastic	1.1 box	Field Weight
	Kernel	1,370.25		paper	3.5 b	USEPA
	Paper, Shredded		976.56	plastic	24 bags/b	Field Weight
	Paper, White Ledger		365.00	paper	1/day	Field Weight
	Paper, Scratch		35.00	paper	5 bream	USEPA
	Plastic Totes instead of OCC		4,131.60	paper	2.2 box	USEPA
125	Pharmacy/Retail Gift			paper		
	OCC, Compost	4.0	3,424.85	0.00	0.00	
	Pallet, Reused		3,000.00	other organic	estimate	Business Estimate
	Wood Waste		4,160.00	paper	104 pallets x 40 lbs/pallet	USEPA
	Metal, Oil, Machinery & Equipment		600.00	metal	50 b	Field Weight
	Metal, Oil, Machinery & Equipment	1,500.00	500.00	metal	23% of 2000 b/year	Business Estimate
	Produce Trims & Spills	160,000.00		organic	75 % of 2000 b/year	Business Estimate
	Metal, 55 Gallon Steel Drum		420.00	metal	80 tons/year	Business Estimate
126	Organic Farm & Packing House			metal	35 b/drum	Field Weight
	OCC	22.0	164,500.00	0.00	0.00	
	OCC, Reused		240.00	paper	20 b/drum	Business Estimate
	Paper, Office		120.00	paper	10 b/drum	Business Estimate
	Paper, Oil/P		150.00	paper	75% of 200 b	Business Estimate
	Toner Cartridge	400.00		paper	estimate	Business Estimate
	Junk Mail & Old Trade Magazine		10.00	other	2.5 toner	USEPA
	Plastic, Rigid	120.00		paper	(5 b + 5) b/month	Business Estimate
	Pallet, Reused		50.00	plastic	50 b/years	Business Estimate
127	Restaurant			paper		
	Grease	4.0	980.00	130.00	0.00	
	OCC, reused		416.00	other organic	7.45 gallon	USEPA
	OCC reused		114.40	paper	40 b/drum	USEPA
	Restaurant	3.0	809.78	0.00	0.00	1.1 b/drum
128	Parcel Service		0.00	0.00	0.00	
	Parcel Service		4.0	0.00	0.00	
129	Florist			paper		
	OCC, Box, Medium	1.0	264.00	0.00	0.00	2.2 box
	Pallet, Reused		264.00	paper		USEPA
130	Movie Theater			paper	20.8 pallets x 40 lbs/pallet	USEPA
	Mechanical Conveyor	17.5	0.00	832.00	0.00	0.00
131	Mechanical Conveyor		2,500.00	paper	40 b/drum	Field Weight
	Pallet, Reused		5,200.00	other organic	130 pallets x 40 lbs/pallet	USEPA
	Wood Sled		10,920.00	paper	70 b/each	Field Weight
	Paper, Office		270.00	metal	Business Estimate	Business Estimate
	Metal, Scrap			metal	350 b/drum	Field Weight
	Metal, 55 Gallon Steel Drum			metal	35 b/drum	Field Weight
	Paper, Fibre Drum		54.00	paper	9 b/drum	Field Weight
	Paper, Office	60.0	2,500.00	0.00	0.00	5 b/drum
	Wood Crate		16,444.00	paper	20 b/month	USEPA
132	Mechanical Conveyor		20.00	other organic	20 b/month	Business Estimate
	Product & Convenience Store		240.00	organic	50 b/week	Business Estimate
	Produce Trims & Spills		2,600.00	organic		

	Pallets, Reused		182.00		other organic	4.8 pallets x 40 bspallet	USEPA
	Paper, Office		45.00		paper	5 biream	USEPA
	Plastic Totes instead of OCC		280.00		paper	2 biream	Field Weight
	Plastic Totes Instead of OCC		130.00		paper	1 biream	Field Weight
	Plastic Totes Instead of OCC		260.00		paper	5 biream	Field Weight
	Paper, ONP		2.0	650.00	paper	12.5 bwkweek	Business Estimate
	OCC, Stacked		2.0	2,210.00	paper	50 bacy	USEPA
	OCC, Reused		1,300.00		paper	60 bwkweek	Business Estimate
	Syndream Kernel		3,120.00		plastic	6.27 bacy	Tubs
	Plastic, Bubble Wrap		50.00		plastic	22.55 bacy	USEPA
	Pallet, Reused		1,350.00		paper	46.8 pallets x 40 bspallet	USEPA
	Paper, Office		500.00		paper	50 bacy	Field Weight
	Donation Equipment & Furniture		20.0	1,300.00	paper	104 pallets x 40 bspallet	Business Estimate
	Grocery, Paster (Wahntz)		500.00		paper	5 biream	USEPA
	Pallets, Reused		10.00		paper	estimate	Business Estimate
	Paper, Office		10.00		metal	estimate	Business Estimate
	Metal, Scrap		8.0	0.00	1,000.00	9.00	Business Estimate
	Grocery, Paster (Wahntz)		8.0	0.00	paper	50 bacy	Field Weight
	OCC		1,600.00		paper	10 bwmonth	Field Weight
	100. Semiconductors		120.00		paper	6.27 bacy	USEPA
	OCC, Reused		80.00		paper	2 pallets x 40 bspallet	Business Estimate
	Syndream Kernel		24.00		other organic	10 bwmonth	Field Weight
	Pallet, Reused		80.00		paper	2.5 bspoter	USEPA
	Paper, Office		510.00		paper	24 b	Field Weight
	Toner Cartridge		5.00		plastic	10 bwmonth	Business Estimate
	Plastic, ABS Drum		48.00		paper	5 biream	USEPA
	Paper, Junk Mail		120.00		paper	50 bacy	Field Weight
	5. Semiconductors		6.0	1,600.00	paper	50% of 1200 b	Business Estimate
	101. Fast Food		982.00		paper	20 bwkweek	Business Estimate
	OCC, Stacked		13,000.00		paper	1 biream	Field Weight
	Paper, ONP		60.00		paper	1 biream	Business Estimate
	Plastic Totes Instead of OCC		1,040.00		paper	240 pallets x 10 bspallet	Business Estimate
	Plastic Totes Instead of OCC		624.00		paper	2.5 bspoter	USEPA
	Pallets, Reused		3,250.00		paper	5 bwmonth	Field Weight
	Paper, Junk Mail		27.5	14,040.00	paper	50 bacy	Business Estimate
	Plastic, Peanuts & bubble wrap		18.00		plastic	1.5 b-3 gpon	USEPA
	Pallets, Reused		4.0	0.00	0.00	0.00	Business Estimate
	Paper, Office		46,800.00		paper	50 biream	USEPA
	OCC, Stacked		46,800.00		paper	6.27 bacy	Business Estimate
	Syndream Kernel		9,600.00		plastic	240 pallets x 10 bspallet	Business Estimate
	Pallets, Reused		9,600.00		other organic	2.5 bspoter	USEPA
	Toner Cartridge		10.00		other	Field Weight	Field Weight
	Metal, 65 Gallon Steel Drum		350.00		metal	35 bwmonth	Field Weight
	Donation, Candy		10,000.00		organic	estimate	Business Estimate
	OCC, Stacked		10,000.00		paper	50 bacy	USEPA
	Pallets, Reused		18,720.00		paper	468 pallets x 10 bspallet	Business Estimate
	Paper, Office		540.00		paper	5 bwmonth	USEPA
	Pet Food Bag, Damaged		600.00		paper	50 bwmonth	Business Estimate
	Tires, Truck		216.00		other	50 bwire	Field Weight
	Metal, Core Parts, Returned		200.00		metal	estimate	Business Estimate
	105. Electronics		13.0	600.00	7 biream	75 bwmonth	Field Weight
	OCC, Reused		1,920.00	780.00	paper	1 bwmonth	USEPA
	Plastic, Bubble Wrap		520.00		plastic	1 bwmonth	USEPA
	Pallet, Reused		10,400.00		other organic	200 pallets x 10 bspallet	Business Estimate
	Paper, Office		1,040.00		paper	20 bwkweek	Business Estimate
	Plastic Cable Spools		240.00		plastic	20 bwkweek	Field Weight
	Syndream Molding		120.00		plastic	10 bwmonth	Business Estimate
	Toner Cartridge		20.00		other	2.5 bwmonth	USEPA
	Metal, Copper Cable		900.00		metal	75 bwmonth	Business Estimate
	Electronics		96.0	2,720.00	paper	520 pallets x 10 bspallet	USEPA
	106. Lumber & Hardware		20,800.00		paper	5 bwmonth	Business Estimate
	Paper, Office		15.00		paper	5 bwmonth	USEPA
	Wood Waste		10,400.00		other organic	200 b	Business Estimate
	Lumber & Hardware		11.0	0.00	paper	60 bwkweek	Business Estimate
	OCC, Reused		52,400.00	27,510.00	paper	800 bacy	Business Estimate
	Pallet, Reused		5,200.00		paper	40 bwkweek	USEPA

		Toner Cartridge	30.00	50.00	0.00	0.00	0.00	other	25 lb/toner	USEPA
83	Bombing Alley Bar	OCC, Box, Medium	8.0	2,630.00	0.00	0.00	0.00	paper	2.2 lb/box	USEPA
	Florist	OCC	3.0	264.00	0.00	0.00	0.00	paper	5 lb/box	Field Weight
84	Parcel Service	Toner Cartridge	13,000.00	48.00	0.00	0.00	0.00	paper	4 lb/toner	USEPA
	Parcel Service	Garment, Plastic Bags	18.25	40.00	0.00	0.00	0.00	plastic	.01 lb/dag	Field Weight
85	Supermarket	OCC	4.0	13,060.25	0.00	0.00	0.00	paper	700 bags	USEPA
	Pallets, Reused			182,000.00				other organic	280 bags X 10 bags/bag	Business Estimate
	Paper, Office			1,080.00				paper	90% of 1200 bags	Business Estimate
	Wood, Waste							other organic	20 lb/month	Business Estimate
	Paper, DNP			520.00				paper	10 lb/month	Business Estimate
	Produce Trims & Spills			7,800.00				organic	150 lb/month	Business Estimate
	Plastics, Buckets with metal handle							plastic	19 lb/box	USEPA
	Surplus Baked Goods & Other Foods							organic	17.5 lb/month	Field Weight
	Plastic Totes instead of OCC							paper	1.5 lb/box	Field Weight
	Plastic Totes instead of OCC							paper	1.5 lb/box	Field Weight
86	Supermarket	OCC, Box, Medium	37.5	191,400.00	25,283.00	0.00	0.00	paper	5 lb/box	USEPA
	Restaurant/Gift	Paper, Catalogue	25.20	1,716.00				paper	2.2 lb/box	Field Weight
	Retail/Gift		10	1,975.20	0.00	0.00	0.00	paper	1.8 bleach	Field Weight
	Retail, Permanent Imports	OCC, Box, Medium	19.0	1,144.00	0.00	0.00	0.00	paper	2.2 lb/box	USEPA
	Retail, Permanent Imports	OCC, Slacked	15	1,440.00	0.00	0.00	0.00	paper	50 b/cy	USEPA
87	Restaurant	OCC, Slacked	3,900.00					plastic	19 lb/box	USEPA
	Plastic, bucket w/metal handle			98.80				other organic	7.45 lb/gallon	USEPA
	Grease			9,824.00				organic	3.5 gallon	Field Weight
	Coffee Grounds			30.00				organic	estimate	Business Estimate
	Donations, Food			50.00				plastic	2.2 lb/box	USEPA
88	Restaurant	OCC, Box, Medium	19.0	13,724.00	178.80	0.00	0.00	paper	1.9 lb/box	USEPA
	Plastic, bucket w/metal handle			7,436.00		0.00		paper	10 lb/month	Field Weight
	Old produce			1,305.00				plastic	1.5 lb/box	Business Estimate
	Old produce, Sundry			260.00				organic	1.5 gallon	Field Weight
	Restaurant	OCC, Box, Medium	3.0	9,001.00	98.80	0.00	0.00	paper	2.2 lb/box	USEPA
	Retail: Gifts & Averages	OCC	240.00					paper	20 lb/month	Field Weight
89	Retail: Gifts & Averages	OCC, Reused		120.00				plastic	10 lb/month	Field Weight
	Plastic, Peanut & bubble wrap			25.00				other	2.5 liter	Business Estimate
	Plastic, Peanut & bubble wrap			5.00				plastic	2 oz/each	USEPA
	Plastic, Hangers			25.00				organic	estimate	Business Estimate
	Donations, Clothes			20.00				paper	50 b/cuse	Field Weight
90	Retail: Gifts & Averages	Paper, Office	1.0	245.00	310.00	0.00	0.00	paper	1.5 gallon	USEPA
	Grease			9,834.00				other organic	7.45 lb/gallon	Field Weight
	Paper, Newspaper			90.00				paper	1.5 newspaper	Business Estimate
	Plastic Totes instead of OCC			5,720.00				paper	2.2 lb/box	USEPA
	Fast Food			5,720.00		0.00	0.00	paper	30 b/cy	Business Estimate
91	Auto Parts	OCC		4,580.00				paper	15 b/cy	Field Weight
	OCC, Reused			780.00				paper	16.6 pallets X 40 bags/pallet	USEPA
	Pallets, Reused			6,240.00				other organic	75% of 200 b	Business Estimate
	Paper, Office			112.00				paper	metal	Field Weight
	Metals, Core parts, Returned			20,800.00				other	18 lb Average	Business Estimate
	Surplus Merchandise			200.00				paper	40 lb/month	Business Estimate
	Unused Magazines			480.00				paper	2.5 lb/box	Field Weight
	Plastic Totes instead of OCC			3,900.00				paper		
92	Auto Parts		9.0	5,160.00	11,232.00	0.00	20,800.00	plastic	1.9 lb/box	USEPA
	Restaurant			205.20				other organic	7.45 lb/gallon	USEPA
	Plastic, bucket w/metal handle			4,917.00				paper	50 b/cy	USEPA
	Grease, trap			7,800.00				paper	2.2 lb/box	USEPA
	OCC, Stacked		10.5	12,717.00	205.20	0.00	0.00	paper	40 pallets X 40 bags/pallet	4 pallets X 40 bags/pallet
93	Restaurant	OCC, Box, Medium		211.20				paper	1.9 b/cy	USEPA
	Pallets			400.00				other organic	1.9 b/cy	Business Estimate
	Pallets, Reused			16.00				paper	4 pallets X 40 bags/pallet	USEPA
	Farm			4.75				plastic		
94	Convenience Store	OCC		15	0.00	0.00	0.00	paper	30 b/week	Business Estimate

Hospital								
72 Fast Food								
OCC, Box, Medium	450.0	21,692.27	9,810.92	0.00	385.00	0.00		
Donuts Old		228.80					paper	2.2 lb/box
Organic, Lettuce given to chickens	10	156.50	137.28				organic	22 lb/box
Fast Food							organic	5 lb/bundle
73 Machine Shop								
OCC		2,880.00	137.28	0.00	0.00	0.00	paper	30 lb/box
Plastics, Mixed							plastic	5 lb/box
Pallets, Reused							other organic	7.2 pallets x 40 lbs/pallet
Paper, Office							paper	20% of 600 lb
Wood Shipping Boxes							paper	Business Estimate
Metal, Scrap							other organic	Business Estimate
Machine Shop							metal	Business Estimate
74 Furniture/Appliance/Home Entertainment							metal	Business Estimate
OCC, Stacked	15.0	2,880.00	3,008.00	0.00	7,000.00	0.00	paper	50 lb/cy
OCC, Reused		3,900.00					paper	50 lb/cy
Toner Cartridge		15.00	520.00				paper	50 lb/cy
Metal, Old Appliance							metal	Business Estimate
Surplus Equipment & Furniture							metal	Business Estimate
75 Hardware							other	Business Estimate
OCC, Stacked		3,915.00	1,520.00	0.00	675.00	0.00	paper	50 lb/cy
Pallets, Reused			10,400.00	1,040.00			paper	28 pallets x 40 lbs/pallet
Paper, ONP							paper	5 lb/week
Paper, Office							paper	5 lb/week
Toner Cartridge			4,160.00	10.00			paper	2.5 lb/toner
Merchandise, Returned							other	estimate
Multi-used Plastic Shipping Containers							other	30 lb/month
OCC, Fairly Flattered	18.0	14,570.00	6,240.00	0.00	0.00	0.00	plastic	2 lb/container
Pallets, Reused		12,480.00	7,640.00	0.00	0.00	0.00	paper	40 lb/yard.
Auto Body Shop & Painting							paper	1.2 pallets x 40 lbs/pallet
Paper, Office							paper	80% * 75% of 300 lb
Tower Cartridge			18.00	180.00			paper	2.5 lb/toner
Metal, Sheet							paper	200 lb/month
76 Auto Parts							other	Business Estimate
OCC, Reused		7.0	12,495.00	228.00	0.00	3,000.00	0.00	Business Estimate
Plastic, Soft							paper	25 lb/week
Pallets, Reused							paper	5 gallon/week
Paper, Office							paper	6.0 pallets x 40 lbs/pallet
Paper, Skid							paper	22.55 lb/yard
Tower Cartridge			30.00	192.00			paper	2.5 lb/toner
Cans/Parts returned for remanufacturing							other	200 lb/month
Plastic totes instead of OCC							metal	2.5 lb/box
Plastic totes instead of OCC							paper	Field Weight
Auto Parts							paper	Field Weight
Coffee Shop							paper	Field Weight
Coffee Bags							paper	1 bag
Old Food							paper	Field Weight
Barrels							organic	25 lbs/barrel
Coffee Shop							other	Field Weight
OCC, Reused	4.0	0.00	608.63	0.00	0.00	0.00	organic	5 barrels
Plastics, Reused for packing							other	Field Weight
Pallets, Reused							other	Business Estimate
Paper, Office							paper	14.4 pallets x 40 lbs/pallet
Wood Waste							paper	7.7 bigton
Plastics, Buckets with metal handles							other	Business Estimate
Metal, 55 Gallon Steel Drum							plastic	1.9 buckets
Cold Storage Produce Warehousing							metal	35 buckets
Feed Store, Pet Supplies, Cleaning							paper	Field Weight
OCC, Stacked	7.0	0.00	12,291.00	0.00	420.00	0.00	paper	50 lb/cy
Pallets, Reused		5,200.00					paper	USEPA
Paper, Office							other organic	20.8 pallets x 40 lbs/pallet
Donations, Mosh/Clothes							paper	Business Estimate
Broken bags per load	4.0	10,000.00	1,382.00	0.00	0.00	0.00	organic	estimate
Feed Store Pet Supplies, Clothing							organic	50 lb/month
Repair & Service Agriculture Equipment							paper	Business Estimate
Pallets, Reused							paper	15 boxes
Metal, Scrap							paper	2.4 pallets x 40 lbs/pallet
Plastic, bucket with metal handle							metal	226.5 lbs/5 gal drum/14
Component Parts, Reused							plastic	1.9 buckets
Repair & Service Agriculture Equipment							metal	Business Estimate
Repair & Service Agriculture Equipment	2.0	0.00	933.00	0.00	250.00	0.00	paper	50 lb/cy
Paper, Office							paper	USEPA
Bowing Aley, Bx							paper	Business Estimate

44	Custom Chocolate Making	OCC, rec	450.00	780.00			paper	50 lb/cy	USEPA
		Plastic, Bucket Wrap-reused		135.00			plastic	1.9 billion	USEPA
		Pallets, Rejected		2,080.00			other organic	52 pallets x 40 lbs/pallet	USEPA
		Paper, Office-used as scratch		60.00			paper	50 lbs/case	Field Weight
		Toner Cartridge	10.00				paper	2.5 toner	USEPA
		Plastic, bucket wheel handle		69.00			plastic	1.9 toner	USEPA
		Chocolate, Recycled		600.00			organic	60 billion	Business Estimate
45	Custom Chocolate Making	OCC, Reused	10.0	1,060.00	3,123.00	0.00	paper	20 lb/bucket	Business Estimate
		Plastic, Various	0.00		240.00		plastic	50 lb/cyars	Business Estimate
		Pallets, Reused		490.00			other organic	12.25 pallets x 40 lbs/pallet	USEPA
		Wood Skid		250.00			other organic	12.25 pallets x 40 lbs/pallet	Business Estimate
		Metal, Scrap-rec			2,000.00		metal	2.2 billion	Business Estimate
		Metal Cans 5 Gallon-reused			2,616.00		metal	80% of 50 lb/cyars	Business Estimate
		Paper, Office		40.00			paper	50 lb/cyars	Business Estimate
		Machine Shop & Welding		2.0	0.00	1,070.00	0.00	4,616.00	Business Estimate
46	Printing/Presenting/Advertising Material	OCC, Reused					paper	1.25 lb/cy	Field Weight
		Paper, Office					paper	100 lb/cyars	Business Estimate
		Toner Cartridge		120.00			paper	2.5 billion	USEPA
47	Liquor Store	OCC, Box, Medium	2.0	120.00	6,825.00	0.00	paper	2.2 lb/cy	USEPA
		Chipboard		11,440.00			paper	.1 bleach	USEPA
		Liquor Store		14,534.00	0.00		paper	1 bleach	Field Weight
48	Retail: Men & Women's Clothing	OCC, Box, Medium	1.5	1,144.00			paper	1.9 bleach	USEPA
		Plastic, Hangers			330.00		plastic	2.2 lb/cy	USEPA
		Retail: Men & Women's Clothing		4.0	1,144.00	330.00	paper	1.3 blanger	Field Weight
49	Item	Pallets		31,200.00			plastic	1.9 blanger	Field Weight
		Pallets, Reused			4,000.00		paper	40 lb/pallet	USEPA
		OCC, Stacked		23,400.00			plastic	50 lb/cyars x 40 lbs/pallet	USEPA
		Plastic, Bucket wheel handle		380.00			paper	50 lb/cy	USEPA
		Plastic, Reusable Containers		49,500.00			plastic	1.9 blanger	Field Weight
		Farm		11.0	54,980.00	53,500.00	paper	1.65 lb/cy	Field Weight
50	Restaurant	OCC, Stacked		1,160.00			plastic	50 lb/cy	USEPA
		Plastic, Bucket wheel handle			444.80		plastic	1.9 blanger	USEPA
		Grease Trap		6,198.40			other organic	7.75 blanger	USEPA
51	Restaurant	OCC, Box, Medium	20.5	10,358.40	444.80	0.00	paper	2.2 lb/cy	USEPA
		Restaurant		15,600.00			plastic	2.2 lb/cy	Field Weight
		OCC-reused			151.20	0.00	paper	2.2 lb/cy	Field Weight
52	Assembly of Motor Controllers	OCC-reused		0.00	300.00	0.00	paper	50 lb/cy	Field Weight
		Symptom Kernel			16.00		plastic	6.27 blcy	TELOS
		Pallets, Reused			1,486.00		other organic	36.4 pallets x 40 lbs/pallet	USEPA
		Toner Cartridge		5.00			other	2.5 blangers	USEPA
		Metal, Scrap					metal	70 lb/cf	Field Weight
53	Assembly of Motor Controllers			7.0	0.00	1,777.00	0.00	190.00	Field Weight
		Pallet, Reused					other organic	180 pallets x 40 lbs/pallet	USEPA
54	Farm (Roses)	Plastic, Plant Buckets		33,300.00			plastic	9 blucher	Field Weight
		Plastic, Plant Buckets		37,500.00			plastic	5 blucher	Business Estimate
		Compost old plants					organic	1000 blucher	Business Estimate
55	Farm (Roses)	Paper, Office White Paper	150.0	70,800.00	7,200.00	2,000.00	paper	2.2 lb/cy	USEPA
		Wood Waste		0.00	30.00	0.00	paper	5 blucher	Business Estimate
		Toner Cartridge		15,600.00			other organic	300 blucher	Business Estimate
		Plastic, bucket wheel handle		12.00			plastic	2.5 blucher	USEPA
		Custom Cabinet Making		9.0	0.00	15,647.00	0.00	1.9 blucher	USEPA
56	Farm	Pallets, Reused			4,160.00		other organic	104 pallets x 40 lbs/pallet	USEPA
		OCC, Box, Medium		528.00			paper	2.2 blucher	USEPA
		Farm		10	4,160.00	0.00	paper	2.2 blucher	USEPA
57	Custom Wood Furniture	OCC, Box, Medium		390.00			paper	2.2 blucher	USEPA
		Pallets, Reused			780.00		paper	15 b	Field Weight
		Paper, Office		75.00			paper	estimate	Business Estimate
		Wood Waste			3,120.00		paper	50 lb/cy	Business Estimate

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				Field Weight		
	Plastic, Flower Tid	50.00	520.00	10 lb/week	Business Estimate	
	Baked Goods, Surplus	520.00	256.00	estimate	Business Estimate	
	Plastic Totes instead of OCC	2,600.00	1,056.00	50 lb/week	Business Estimate	
	Fruit/Vegetable Juices	5,200.00	0.00	0.00	Business Estimate	
134	Produce & Convenience Store	2.0	5,200.00	100 lb/week	Business Estimate	
	OCC, Reused	5,200.00	0.00	780 pallets x 40 lbs/pallet	USEPA	
	Paper, Office	31,200.00	0.00	50% oil 180 lb	Business Estimate	
	Toner Cartridge	90.00	10.00	2.5 toner	USEPA	
	Product Trims & Spools	75,000.00	0.00	2500 lb/week	Business Estimate	
135	Produce Distributor & Warehouse	10.0	75,000.00	0.00	Business Estimate	
	OCC, Reused	520.00	0.00	10 lb/week	Business Estimate	
	Pallet	980.00	0.00	40 lb/pallet	USEPA	
	Paper, Office	48.00	0.00	5 b/ream	USEPA	
	ONP & Magazine	1,560.00	0.00	30 lb/week	Business Estimate	
	Toner Cartridge	6.00	0.00	2.6 toner	USEPA	
	Baked Goods, Surplus	260.00	0.00	5 lb/week	Business Estimate	
136	Convenience Store/Liquor/Gas Station	5.0	1,580.00	0.00	Business Estimate	
	OCC	1,580.00	0.00	0.00	Business Estimate	
	OCC, Reused	1,580.00	0.00	500 board	Business Estimate	
	Plastic, Mixed	580.00	0.00	10 lb/week	Business Estimate	
	Pallet, Reused	580.00	0.00	5 lb/gallon	Business Estimate	
	Paper, Office	14,560.00	0.00	364 pallets x 40 lbs/pallet	USEPA	
	Toner Cartridge	300.00	0.00	12.5% of 2400 lb/year	Business Estimate	
	Animal Feed	5.00	0.00	2.5 toner	USEPA	
137	Ranch & Home Supplies	9.0	7,500.00	0.00	Business Estimate	
	OCC	7,500.00	0.00	0.00	Business Estimate	
	OCC, Reused	3,200.00	0.00	40 lb/cy	Field Weight	
	Pallet, Reused	440.00	0.00	1.25 b/cy	Field Weight	
	Paper, Office	32.00	0.00	9 pallets x 40 lbs/pallet	USEPA	
	Paper, Office Reused	11,375.00	0.00	65% of 17500	Business Estimate	
	Grass Clipping	1,700.00	0.00	15% 11375	DSG-CWMB	
	Other, Unclaimed Clothes	12,458.16	0.00	6.5 tons/care	Field Weight	
	Surplus Furniture & Equipment	225.00	0.00	1 bigon	Business Estimate	
	Plastic Totes instead of OCC	750.00	0.00	estimate	Business Estimate	
	Plastic Jars instead of OCC	900.00	0.00	75 b/care	Field Weight	
		800.00	0.00	1 bleach	Field Weight	
	Middle School (Public)	70.0	27,033.16	0.00	Business Estimate	
	OCC, Shredded	4,647.00	0.00	0.00	Business Estimate	
	OCC, Reused	15,600.00	0.00	0.00	Business Estimate	
	Shredded Kernel	1,300.00	0.00	25 b/care	Field Weight	
	Pallet, Reused	25.00	0.00	6.27 b/cy	Business Estimate	
	Paper, Office	6,240.00	0.00	156 pallets x 40 lbs/pallet	USEPA	
	Paper, ONP	190.00	0.00	17.5% of 1080 lb	Business Estimate	
	Toner Cartridge	1,040.00	0.00	20 lb/week	Business Estimate	
	Returned Merchandise	60.00	0.00	2.5 toner	Business Estimate	
	Paper, Greeting Cards	7,800.00	0.00	150 lb/week	Business Estimate	
	Plastic, Disposable Camera	100.00	0.00	50 lb/month	Business Estimate	
	Plastic Totes instead of OCC	600.00	0.00	5 lb/bbox	Business Estimate	
	Plastic Jars instead of OCC	650.00	0.00	1.5 bobox	Business Estimate	
	Plastic Totes instead of OCC	5,460.00	0.00	paper	Business Estimate	
		324.00	0.00	paper	Business Estimate	
	Dong Store	19.0	16,740.00	0.00	2 lb/care	Field Weight
	OCC	22,649.00	0.00	0.00	Business Estimate	
	Pallet, Reused	7,800.00	0.00	150 lb/week	Business Estimate	
	Paper, Office	18,720.00	0.00	458 pallets x 40 lbs/pallet	USEPA	
	Wood Waste	600.00	0.00	50 lb/month	Business Estimate	
	Metal Scraps	78,000.00	0.00	1500 lb/week	Business Estimate	
		4,320.00	0.00	30 lb/week	Business Estimate	
	OCC	85,950.00	0.00	1.25 b/care	Field Weight	
	OCC, Reused	64.00	0.00	16 pallets x 40 lbs/pallet	USEPA	
	Pallet, Reused	112.00	0.00	2.5 b/care	Field Weight	
	Donation, Unclaimed Checks	117.00	0.00	1.9 b/care	Field Weight	
	Plastic Bucket w/metal handle	618.00	0.00	75 b/care	Business Estimate	
	Plastic Totes instead of OCC	360.00	0.00	1 b/care	Field Weight	
	Plastic Jars instead of OCC	87,750.00	0.00	6.5 tons/care	DSG-CWMB	
	Grass Cycle	1,800.00	0.00	50 lb/week	Business Estimate	
	Composting Food Scraps	1,601.00	0.00	0.00	Business Estimate	
	Middle School (Public)	66.0	93,370.00	0.00		

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	Paper, Office	1,260.00	8.00	paper	35 b	USEPA
	Plastic, bucket w/metal handle		50.00	plastic	1.9 bucket	USEPA
	Donation, Unclaimed Clothes	143.00		organic	1 billion	Field Weight
	Plastic Totes instead of OCC	285.00		paper	5 billion	Field Weight
	Plastic Totes instead of OCC	281,200.00		paper	1 billion	Field Weight
	Crates/Cycling			organic	6.5 ton/sacre	DSC-CIVM&B
Elementary Public School - K-8						
165 Office Supplies	Pallet, Reused	22.0	3,725.00	0.00	0.00	0.00
	Paper, Office	39,000.00	8,735.00		21,841 pallets x 40 bushel	USEPA
	Toner Cartridge		576.00		750 b	Business Estimate
	Plastic Totes instead of OCC	11,440.00			4 buxter	USEPA
	Office Supplies	110	39,000.00	20,752.00	2,2 bushox	USEPA
166 Restaurant	OCC, Box, Medium		8,030.00			
	Plastic, bucket w/metal handle	10.0	8,030.00	32.93	0.00	0.00
	Pallet, Reused		1,248.00		other organic	USEPA
	Paper, Office		45.00	paper	10 bimonth	Field Weight
	Toner Cartridge		5.00	other	31,2 bushox x 40 bushel	USEPA
	Plastic, bucket w/metal handle	740.00		plastic	5 billion	USEPA
	Surplus Baked Goods & Other Foods	2,600.00		organic	2,6 buxter	Business Estimate
	OCC	4.0	0.00	0.00	0.00	0.00
	OCC, Reused		273,000.00		paper	750 bushox
	Plastic, Ship covers & wrap sheets		1,560.00	paper	30 bimonth	Field Weight
	Pallet, Reused		520.00	paper	150 bimonth	Business Estimate
	Paper, Office	41,600.00	225.00	other organic	1040 bushox x 40 bushel	USEPA
	Toner Cartridge		5.00	paper	estimate	Business Estimate
	Plastic, Clothes Hangers	16,250.00		other	2.5 buxter	USEPA
	Donation, Pet Food	13,000.00		plastic	2 oz/buxter	Field Weight
	Donation, Diaper	2,600.00		organic	250 bushox	Business Estimate
	Donation, Baked Goods	5,200.00		other	50 bushox	Business Estimate
	No-Sell Merchandise			organic	100 bushox	Business Estimate
	Plastic Totes instead of OCC	1,200.00		other	100 bimonth	Business Estimate
	Paper, Personal Paper Goods	100.00		paper	15 bubox	Field Weight
	Mess Merchandising	70.0	273,100.00	83,330.00	0.00	estimate
	OCC, Box, Medium		132.00	0.00	0.00	Business Estimate
	Toner Cartridge	30.00	96.00	paper	22 bushox	USEPA
	Paper, Security Shredding	9.0	228.00	0.00	0.00	USEPA
Bank	OCC, Stacked		6,500.00	1,170.00	0.00	0.00
	Paper, Newspaper		1,170.00	15.60	paper	2.5 buxter
	Clipboard	2.5	273,000.00	1,185.60	0.00	0.00
Liquor Store	OCC		565.00		22.65 bux	Field Weight
171 Mass Merchandising	Plastic, Soft		7,660.00		192 bushox x 40 bushel	USEPA
	Pallet, Reused		40.00		37.5% of 300 b	Business Estimate
	Unsold Merchandise	18,000.00		paper	500 bushox	Business Estimate
	Toner Cartridge		15.00	other	2.5 buxter	USEPA
	Plastic, bucket w/metal handle		90.00	plastic	1.9 bucket	USEPA
	Plastic Hangers	23,150.00		other	2.5 oz/buxter	Field Weight
	Returned Merchandise	9,000.00		organic	estimate	Business Estimate
	Donations, Mostly Clothes	18,000.00		paper	42.5 bushox	Business Estimate
	Plastic Totes instead of OCC	2,200.00		plastic	25 bushox	Business Estimate
	Surplus Baked Goods & Other Foods	1,300.00		organic	100 bushox	Business Estimate
	Donated Pet Food	7,800.00		organic	50 bimonth	Business Estimate
	Plastic, Film Cannisters	600.00		plastic	estimate	Business Estimate
	Plastic, Rewraps	3,640.00		paper	22 bushox	USEPA
	Mess Merchandising	83.0	288,800.00	66,300.00	0.00	0.00
	OCC, Box, Medium		858.00		1.5 bushox	USEPA
	Syrocaram Kernel		380.00		1 gallon	Business Estimate
	Damaged Goods		500.00		0.00	0.00
	Gift Shop	5.0	858.00	0.00	0.00	0.00
	Retail: Craft Store		0.00		0.00	0.00
	Retail: Craft Store	3.0	0.00		0.00	0.00
			1,430.00		0.00	0.00
					22 bushox	USEPA

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		Metal Scrap	Metal Salvaged Equipment Parts	4,000.00	2,000.00	0.00	0.00	0.00	0.00	metal	estimate estimate	Business Estimate	Business Estimate
185 Post Office	General Farm Engineering & Welding	OCC, Box Medium	2.0	4,000.00	2,456.00	0.00	0.00	0.00	0.00	paper	2.2 b/box	USEPA	USEPA
		Paper, Shredded		264.00	42.35					paper	77 b/deton	USEPA	USEPA
		Paper, Shredded 10% Recycled			4.24					paper	77 b/deton	USEPA	USEPA
Post Office		Paper, White Ledger		13,213.00	4.24	0.00	0.00	0.00	0.00	paper	77 b/deton	USEPA	USEPA
186 Bank		Paper, Shredded	5.5	13,519.35	4.24	0.00	0.00	0.00	0.00	paper	8 b/33 gallon	USEPA	Field Weight
		Paper, Reused Envelopes		1,372.30						5 Envelope			
Bank		OCC, Stacked	8.0	1,372.30	15.65	0.00	0.00	0.00	0.00	paper	50 lb/cy	USEPA	USEPA
187 Full Range Boating Accessories		OCC, Raised		169,000.00						paper	150 lb/week	Business Estimate	Business Estimate
		Syratam Kernel			7,800.00					plastic	6.27 b/cy	Tekus	
		Plastic, Bubble Wrap			80.00					plastic	1 bigallon	USEPA	USEPA
		Pallet, Reused			52.00					other or generic	1080 pallets x 40 lbs/pallet	Business Estimate	Business Estimate
		Paper, Office		43,200.00						paper	100 b/week	Field Weight	Field Weight
		Wood Boxes			780.00					other organic	2.5 b/box	USEPA	USEPA
		Toner Cartridge			600.00					other	120.00	Field Weight	Field Weight
		Plastic, ABS Drum			2,400.00					plastic	24 lb/ drum	USEPA	USEPA
		Plastic, bucket w/metal handle			23.00					paper	19 lb/bucket	USEPA	Field Weight
		Paper, Fibre Drum			225.00					plastic	8 lb/bucket	Business Estimate	Business Estimate
		Metal, Filters			1,000.00					metal	0.00		
		Full Range Boating Accessories			169,000.00	56,280.00	0.00	0.00	0.00	paper	2.2 b/box	USEPA	USEPA
188 Bar - Restaurant		OCC, Box, Medium	5.0	0.00	6,282.00	0.00	0.00	0.00	0.00	paper	12 b/pallet	Business Estimate	Business Estimate
189 Motel					0.00					paper	1.2 b/pallet x 40 lbs/pallet	USEPA	USEPA
190 Custom Cabinet Making		OCC	3.0	0.00	1,560.00	48.00				other organic	5 b/ream	Business Estimate	Business Estimate
		Pallet, Reused				15.00				paper	150 lb/month	Business Estimate	Business Estimate
		Paper, Office				1,800.00				other organic	1500 lb/month	Business Estimate	Business Estimate
		Wood, Officials				18,000.00				other organic	150 lb/month	Business Estimate	Business Estimate
		Wood, Sawdust				1,800.00				metal	1.9 lb/bucket	USEPA	USEPA
		Metal, Strap	4.0	3,360.00	19,863.00	0.00	0.00	0.00	0.00	paper	35 lb/gal	Field Weight	Field Weight
191 Custom Cabinet Making		OCC, Reused			520.00					other organic	10 b/box	USEPA	USEPA
		Pallet, Reused				4,800.00				paper	120 b/pallet x 40 lbs/pallet	USEPA	USEPA
		Paper, Office				360.00				paper	6 b/ream	Business Estimate	Business Estimate
		Wood, Waste				40,000.00				other organic	1500 lb/month	Business Estimate	Business Estimate
		Metal, Fairous				40,000.00				metal	2.5 b/box	USEPA	USEPA
		Toner Cartridge				25.00				paper	35 lb/gal	Field Weight	Field Weight
		Plastic, bucket w/metal handle				137.00				metal	15000 lb/3 month	Business Estimate	Business Estimate
		Metal, 55 Gallon Steel Drum				840.00				paper	10000 lb/month	Business Estimate	Business Estimate
		Metal, Scrap Steel				60,000.00				inorganic			
		Broken Precast Concrete Panels				120,000.00	86,682.00	0.00	0.00	paper	2.2 b/box	USEPA	USEPA
192 Market	Pre-cast Concrete Panels	Plastic, Pallet	50.0	180,000.00	4,160.00					other organic	7.45 b/box	Field Weight	Field Weight
		OCC, Box, Medium				3,432.00				paper	1.5 b/cy	Field Weight	Field Weight
		Plastic, 5 Gallon Bucket				234.00				plastic	6.8 b/3 gallon	Field Weight	Field Weight
		Rendering				779.80				paper	300 lb/bale	Field Weight	Field Weight
		OCC, Baled - small				45,800.00				other organic	7.45 b/gallon	USEPA	USEPA
		Grease				6,392.0				plastic	4.8 pallets x 40 lbs/pallet	Field Weight	Field Weight
Market						33,977.90	7,826.00	0.00	0.00	paper	19 lb/bucket	USEPA	USEPA
193 Restaurant		OCC, Box, Medium				2,024.00				plastic	33 lb/kg	Field Weight	Field Weight
		Grease				4,917.00				paper	50.0 b/cy	USEPA	USEPA
		Toner Cartridge	3.0		6,918.00	0.00	0.00	0.00	0.00	other	4 b/toner	Field Weight	Field Weight
194 Bank		Paper, Envelope	6.5		12.00	15.65	0.00	0.00	0.00	paper	5 b/envelope	Field Weight	Field Weight
Bank	Industrial Supplies	OCC, Reused				3,120.00				paper	60 lb/week	Business Estimate	Business Estimate
		Plastic, Peanuts & Lubricant				130.00				plastic	5 bigallon	Field Weight	Field Weight
		Plastic, Baled - small				192.00				paper	4.8 pallets x 40 lbs/pallet	Field Weight	Field Weight
		Plastic, bucket w/metal handle				100.00				plastic	19 lb/bucket	USEPA	USEPA
		Industrial Supplies				3,120.00	1,202.00	0.00	0.00	paper	50.0 b/cy	Field Weight	Field Weight
195	Retail-Sports wear	Plastic buckets				3.96				paper			
		OC				600.00							

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		shredded paper	2.0	1,320.00	3.96	0.00	0.00	0.00	paper	8 lbs/31 gal	USEPA
197	retail	OCC			457.50				paper	2.2 lbs/box	USEPA
		peanuts			12.00				plastic	6.27 lbs/cy	USEPA
		paper packaging	1.0	0.00	208.00	0.00	0.00	0.00	paper	8 lbs/31 gal	USEPA
198	retail	OCC-Rec			1,248.00				paper	4.0 lbs/box	USEPA
		OCC-Rec			1,372.80				paper	2.2 lbs/box	USEPA
		OCC-rec			665.40				paper	1.1 lbs/box	USEPA
		Returned Merchandise			12.00				other	1.0 lb/ton	Business Estimate
		salvage and reuse parts of merchandise			6.00				other	5.0 lb/ton	Business Estimate
199	retail	Paper	1.0	3,307.20	17.00	0.00	0.00	0.00	paper	2.0 lbs/box	Business Estimate
		OCC			104.00				paper	2.2 lbs/box	USEPA
		ice cream shop			11,440.00	130.00	0.00	0.00	paper	2.5 lbs/box	Business Estimate
200	retail	ice cream shop			6.0	11,544.00	130.00	0.00	paper	2.0 lbs/box	Business Estimate
		retail			0.00				paper	2.2 lbs/box	USEPA
201	minimart	pallets	1.0	0.00	0.00	0.00	0.00	0.00	other organic	12 pallets x 40 lbs/pallet	USEPA
		OCC			16,060.00	94.38			paper	2.2 lbs/box	USEPA
		plastic bags	1.0		16,060.00	574.38	0.00	0.00	plastic	33 lbs/cy	USEPA
		OCC			2,860.00				paper	2.2 lbs/box	USEPA
		plastic buckets			286.40				plastic	1.9 lbs/bucket	USEPA
		Grease			7,375.50				other organic	7.45 lbs/gallon	USEPA
		Restaurant			5.0	10,531.90	0.00	0.00	other	7.45 lbs/gallon	Field Weight
203	Real estate agency	Toner Cartridge			34.80	0.00	0.00	0.00	other	2.9 lbs/toner	Field Weight
204	retail	Real estate agency			6.0	34.80	0.00	0.00	other	0.00	
		retail			0.00				other	0.00	
205	Restaurant	OCC	1.0	0.00	0.00	0.00	0.00	0.00	paper	1.1 lbs/box	USEPA
		paper			5,720.00	12.00			paper	2.2 lbs/box	Business Estimate
		Plastic bags			0.66				plastic	1.0 lb/bag	Field Weight
		Grease	4.0		3,600.00				other organic	33 lbs/cy	USEPA
		OCC			9,322.00	0.68	0.00	0.00	paper	5 lbs/cy	Business Estimate
		plastic hangers	1.0		501.80	150.00	0.00	0.00	paper	1.1 lbs/box	Field Weight
		Retail			5.00				plastic	1.25 lbs/hanger	Field Weight
207	Restaurant	paper			5,811.00				paper	5 lbs/cy	Business Estimate
		Grease			5,816.00	0.00	0.00	0.00	other organic	7.45 lbs/gallon	USEPA
		OCC			416.00	150.00			paper	1.0 lbs/box	USEPA
		Restaurant			1.0	501.80	150.00	0.00	paper	1.0 lbs/box	Field Weight
208	Storage facility	OCC			5.816.00	0.00	0.00	0.00	other organic	10.8 pallets x 40 lbs/pallet	USEPA
		paper			432.00				paper	2.2 lbs/box	Field Weight
		Storage facility			118.80	0.00			paper	5 lbs/reem	Field Weight
		No activity	3.0	0.00	0.00	0.00	0.00	0.00	other organic	10.8 pallets x 40 lbs/pallet	USEPA
		No activity	2.0	0.00	0.00	0.00	0.00	0.00	other organic	10.8 pallets x 40 lbs/pallet	Field Weight
209	retail health				0.00				other organic	100 lbs/mon per high season	Business Estimate
		retail health			0.00				other	52 pallets x 40 lbs/pallet	Field Weight
		funeral home			3.0	0.00			paper	2.9 lbs/toner	Business Estimate
211	Retail	OCC			20	0.00	600.00	0.00	paper	10 lbs/cy	Business Estimate
212	Retail	OCC			3,146.00	520.00	0.00	0.00	paper	1.1 lbs/sac	Field Weight
		flour sacs			520.00				other	7.45 lbs/gallon	Business Estimate
		Grease	4.0		4,555.00	0.00			paper	200 lbs/cy	Business Estimate
		OCC			672.00	0.00			paper	2.9 lbs/toner	Field Weight
213	Retail	Pallet	1.0		2,288.00	0.00			other	10 lbs/cy	Business Estimate
		Toner Cartridge			2,288.00	0.00			paper	2.2 lbs/box	Field Weight
		paper packaging			5,200.00	0.00			paper	3700 lbs/ last year	Business Estimate
214	Ber	OCC	16.0		12,845.50	0.00			paper	0.00	
		magazines,newspapers, catalogues			3,700.00				paper	0.00	
215	Retail/Office supplies	OCC			10,982.90	13.0			paper	0.00	
		Retail/Office supplies							paper	0.00	

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216	Retail-shoes	OCC shoeboxes old merchandise	11,440.00 260.00 3.5	375.00 624.00 0.00	0.00 0.00 0.00	paper paper other	2.2 bspak 20 bspak 125 lbs/4 mon	USEPA Field Weight Business Estimate
217	Auto Parts	pallets	11.3	0.00	624.00	0.00	15.6 pallets x 40 bspak/pallet	USEPA
218	Auto Parts	OCC	47,654.49	965.54	0.00	0.00	2.2 bspak 2.2 bspak	USEPA USEPA
219	Pet Store	OCC paper glass vases	3.0 2.5	47,654.46 0.00 36.50 72.00	0.00 0.00 0.00 0.00	paper paper glass paper	0.1 lbs sheet 8 lbs mon	USEPA Business Estimate
220	Flower Shop	OCC plastic buckets	10,400.00	395.20	108.50	0.00	200 bspak 19 bspak	USEPA Field Weight
221	Flower Shop	plastic buckets	104.00	145.60	0.00	0.00	7 lbs bucket 42 lbs bucket	USEPA
222	Bakery	OCC Retail	5.0 4.0	10,400.00 2,288.00	644.86 0.00	0.00	2.2 bspak	USEPA
223	Retail	OCC Shytofarm Kernel	2,288.00 2,850.00	0.00 260.00	0.00	0.00	2.2 bspak 6.27 bspak	USEPA Taus
224	Retail	pallets	3.5	2,850.00	260.00	0.00	0.00	USEPA
225	post office	OCC paper bucket	130,000.00 171.60	10,400.00 22.80	0.00	0.00	40 bspak 2500 bspak 2.2 bspak	Business Estimate Business Estimate Business Estimate
226	post office	computer donations		200.00			1.9 bspak 200 lbs yr	USEPA Business Estimate
227	hair salon	equipment repair	42.5	130,171.60	10,722.80	0.00	0.00	Business Estimate
228	hair salon	No activity	1.0	0.00	0.00	0.00	No activity	
229	grocery/bakery/shippers	OCC recycled	160,000.00	80,000.00	0.00	0.00	80 tons yr 1.8 bspak	Business Estimate Business Estimate
230	Motel	Reuse OCC						Business Estimate
231	Motel	Plastic (Poly) Bags reused		350.00			1 lbs/bag	Business Estimate
232	Motel	Pallets Reused		23,100.00			30 bspak (Also divided by 6)	Business Estimate
233	Motel	Pallets Reused		35,000.00			35 bspak (Also divided by 5)	Business Estimate
234	Motel	Office paper recycled	300.00					Business Estimate
235	Motel	No activity	108.0	150,300.00	148,460.00	0.00	0.00	
236	Motel	No activity	4.0	0.00	0.00	0.00		
237	Gift Shop	Bones reused	15	0.00	26.40	0.00	1.1 bspak	USEPA

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TOP 10 BUSINESSES (by Total Diversion Tonnage)

On-Site Surveys

TOP 10 BUSINESSES (by Total Diversion Tonnage)						
Reference Number	Business Type	Activity Description	Employee	Recycling	Source Reduction	Diversion (weight in pounds)
						Composting Metals
1	Ready Mix Concrete Batching Plant	OCC, Reused Pallet, Reused Paper, Office			1,040.00 160.00 120.00	
	Wood waste	Metal, Scrap Ferrous			2,400.00	
		Plastic, bucket w/metal handle				15,000.00
		Concrete Loads		12.00		
		Metal, 55 Gallon Steel Drum			70.00	
		Old Conveyor Belting			4,000.00	
		Metal, Core Parts, Returned				12,000.00
		Tires, Truck			3,500.00	
			25	0.00	11,302.00	0.00
				3,000.00		27,000.00
		OCC				
		Pallets, Reused				
		Paper, Office			3,200.00	
					125.00	
		Wood Waste			31,285.00	
		Toner Cartridge		20.00		
		Walnut Shells taken and made into filler for plywood		6,000,000.00		
		Offgrade Walnut Meats taken and reduced to walnut		500.00		
		Plastic, Polypropylene Bags			150.00	
			70	6,003,520.00	34,760.00	0.00
		OCC-rec				0.00
		Plastic, Shrink Wrap				
		Pallets, in Circulation		1,600.00		
		Pallet, one way			2,880.00	
		Pallet, Reused				
		Wood, Offcuts			191,300.00	
		Steel, Strapping				
					4,160.00	
		Paper, Office				39,000.00
		Wood, Short Offcut				
		Wood, Long Trims			1,196,000.00	
		Wood, Non-dry Sawdust reused				499,200.00
		Wood, Dry Sawdust				1,664,000.00
		Metal, 55 Gallon Steel Drum				
			125	1,612,900.00	2,209,260.00	0.00
		OCC, Slacked		10,400.00		
		Pallet, Reused				777,600.00
		Toner Cartridge				60.00
		Lettuce Trims & Spoils reused into cattle feed				1,080,000.00
			190	10,400.00	1,857,600.00	0.00
		OCC, Slacked				7,150.00
2	Grower, Packer, Shipper of Apricots/Walnuts					
	3	Manufacture & Distribute Wood Shingle				
	4	Grower/Packer/Shipper				
	5	Country Club				

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	OCC, Reused		1,040.00
	Paper, ONP	260.00	
	Toner Cartridge		15.00
	Plastic, ABS Drum		300.00
	Plastic, bucket w/metal handle		851.20
	Grass Clipping (Grassrecycling)		3,250.00
	Woody Pruning Chips		
	Tires	57,600.00	
	Metal, Core Parts, Returned		360.00
	OCC recycled		360.00
	OCC reused		360.00
	Plastic, Soft	7,035.00	
	Pallets, Reused		124,800.00
	Paper, Office	765.00	
	Wood Crate		195.00
	Paper, ONP	260.00	
	Toner Cartridge		15.00
	Green Waste to pig farms.		73,710.00
	Plastic, bucket w/metal handle		593.00
	Plastic Totes Instead of OCC		1,300.00
	Plastic Totes Instead of OCC		5,200.00
	Plastic Totes Instead of OCC		15,600.00
	Meat/Fish Rendering	10,400.00	
	Surplus Baked Goods & Other Foods		18,200.00
	OCC	837,460.00	
	OCC, Reused	510,000.00	
	Pallets, Reused		2,080.00
	Paper, Office	300.00	
	Wood boxes		600.00
	Paper, ONP	15,600.00	
	Toner Cartridge		10.00
	Vegetable Spills & Trims	24,570.00	
	Plastic, bucket w/metal handle		137.00
	Surplus Baked Goods & Other Foods		10,920.00
	Plastic Totes Instead of OCC		17,160.00
	OCC recycled	550,470.00	
	OCC reused	200,200.00	
	Pallets, Reused		520.00
	Paper, Office		7,280.00
	Wood boxes		36,400.00
	Toner Cartridge		2,600.00
	Surplus Baked Goods & Other Foods		10.00
	Plastic Totes instead of OCC		1,560.00
County Club			
6 Supermarket			
Supermarket			
7 Supermarket			
8 Supermarket			

Inerts (category)	Material Type	Conversion Factor		Source	Diversion Pounds per year	Diversion Tons per year
		(weight per count)	(20 lb/week)			
	Paper (20 lb/mk)(52 wkyr)	(4 pallets/yr)(40 lbs/pallet)	Business Estimate (4 pallets/yr)(40 lbs/pallet)	Business Estimate USEPA	1,040.00	0.52
other organic	Paper (600 lb/yr)(0.20)	20% of 600 lb/year	Business Estimate Business Estimate	Business Estimate Business Estimate	160.00	0.08
other organic	Paper (200 lbs/mo)(12 mo/yr)	200 lb/month	Business Estimate Business Estimate	Business Estimate Business Estimate	120.00	0.06
metal	(7.5 tons/yr)(2000 lb/ton)	7.5 Tons/year	Business Estimate 1.9 lb/bucket	Business Estimate Business Estimate	2,400.00	1.2
plastic	(6)(5-gallon tubs/yr)(1.9 lb/bucket)	estimate	Business Estimate Field Weight	Business Estimate Business Estimate	15,000.00	7.5
other	(7200000 lb/yr)	36 lb/drum	Business Estimate 2 tons/year	Business Estimate Business Estimate	12,00.00	0.006
metal	(2/yr)(35 lb/drum)	1000 lb/month	Business Estimate 80 lb/leach	Business Estimate Field Weight	0.00	0
other	(2 tons/yr)(2000 lb/ton)	80 lb/leach	Business Estimate Field Weight	Business Estimate Business Estimate	70.00	0.035
metal	(1000 lb/mo)(12 mo/yr)	2 tons/year	Business Estimate Business Estimate	Business Estimate Business Estimate	4,000.00	2
other	(6 tires/mo)(80 lb/tire)(12 mo/yr)	1000 lb/month	Business Estimate 80 lb/leach	Business Estimate Field Weight	12,000.00	6
7,200,000.00					3,500.00	1.75
	Paper (250 lbs/mo)(12 mo/yr)	250 lb/month	Business Estimate (80 pallets/yr)(40 lbs/pallet)	Business Estimate Business Estimate	11,302.00	5.661
other organic	Paper (80 pallets/yr)(40 lbs/pallet)	estimate	Business Estimate Business Estimate	Business Estimate Business Estimate	3,000.00	1.5
paper	(300 lb/yr)(0.55)(0.75)	330 lb/yard	Business Estimate 2.5 lb/toner	Business Estimate Business Estimate	3,200.00	1.6
other organic	Paper (20 cords/yr)(128 cu/cord)/(27 cu/cy)then (94.8 yd/yr)(330 lb/yd)	3000 ton/yr	Business Estimate estimate	Business Estimate Business Estimate	125.00	0.0625
other	(8 ton/yr/yr)(2.5 lb/toner)	75 lb/yard	Business Estimate 75 lb/yard	Business Estimate Business Estimate	31,285.00	15.6425
other organic	Paper (3000 tons/yr)(2000 lb/ton)	3000 ton/yr	Business Estimate Business Estimate	Business Estimate Business Estimate	20.00	0.01
other organic	Paper (500 lb/yr)	75 lb/yard	Business Estimate Business Estimate	Business Estimate Business Estimate	6,000,000.00	3000
plastic	(2 yd/yr)(75 lb/yr)	75 lb/yard	Business Estimate Business Estimate	Business Estimate Business Estimate	500.00	0.25
0.00					150.00	0.075
	Paper (8 tons/yr)(2000 lb/ton)	8 tons/year	Business Estimate 100 lb/net	Business Estimate Business Estimate	6,038,280.00	3019.14
	plastic (16 bins/yr)(100 lbs/net)	(72 pallets/yr)(40 lbs/pallet)	(72 pallets/yr)(40 lbs/pallet)	Business Estimate 40 lb/pallet	16,000.00	8
other organic	Paper (92 pallets/yr)(52 wk/yr)(40 lb/5/pallet)	100 lb/net	Business Estimate 40 lb/pallet	Business Estimate 40 lb/pallet	1,600.00	0.8
other organic	Paper (10 pallets/yr)(52 wk/yr)(40 lbs/5/pallet)	100 lb/net	Business Estimate 5 lb	Business Estimate Field Weight	2,880.00	1.44
other organic	Paper (150 strips/mk)(5 bl strip)(52 wks/yr)	100 lb/net	Business Estimate 30 lb	Business Estimate 30 lb	191,300.00	95.65
metal	Paper (20 bins/yr)(64 cft)(30 lbs/cft)	100 lb/net	Business Estimate 2% of 900 lb/year	Business Estimate 11.5 tons/ week	4,160.00	2.08
paper	Paper (18)(50 lb/case)*(30 lb/case)(0.2)	100 lb/net	Business Estimate 9600 lb/weed	Business Estimate 40 lb/yd	39,000.00	19.5
other organic	Paper (11.5 tons/mk)(52 wks/yr)(2000)	100 lb/net	Business Estimate 40 lb/yd	Business Estimate 40 lb/yd	1,196,000.00	598
other organic	Paper (9600 lb/yr)(52 wk/yr)	100 lb/net	Business Estimate 40 lb/yd	Business Estimate 40 lb/yd	49,200.00	246.6
other organic	Paper (4)(20 yr)(400 lb/yr)(52 wk/yr)	100 lb/net	Business Estimate 40 lb/yd	Business Estimate 40 lb/yd	1,604,000.00	832
other organic	Paper (10 yd/yr)(52 wk/yr)(400 lb/yr)	100 lb/net	Business Estimate 35 lb/drum	Business Estimate Field Weight	208,000.00	104
metal	Paper (12 drum/mo)(12 mo/yr)(35 lb/drum)	100 lb/net	Business Estimate 35 lb/drum	Business Estimate Field Weight	0.00	0
0.00	Paper (4 yd/yr)(52 wk/yr)(50 lb/cy)	50 lb/cy	Business Estimate (28080 pallets/yr)(40 lbs/pallet)	Business Estimate 2.5 lb/toner	3,822,160.00	1911.08
other organic	Paper (19440 pallets/yr)(40 lbs/pallet)	50 lb/cy	Business Estimate 500 lb/yard	Business Estimate 500 lb/yard	10,400.00	5.2
other	Paper (6/yr)(2.5 lb/toner)	50 lb/cy	Business Estimate #REF!	Business Estimate #REF!	77,600.00	388.8
other organic	Paper (1.5 yd/day)(27 cf)(5 lbs/cf)(7 day/mo)(36 wk/yr)	50 lb/cy	Business Estimate #REF!	Business Estimate #REF!	60.00	0.03
0.00	Paper (5.5 yd/mk)(26 wks/yr)(50 lb/cy)	50 lb/cy	Business Estimate #REF!	Business Estimate #REF!	1,868,060.00	934.03
						3.575

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	Paper	(20 lbs/wk)(52 wk/yr)	20 lb/week	Business Estimate	1,040.00	0.52
	Paper	(5 lbs/wk)(52 wks/yr)	5 lb/week	Business Estimate	260.00	0.13
	other	(6 tones/hr)(2.5 lbs/toner)	2.5 lb/toner	USEPA	15.00	0.0075
	plastic	(20 lbs drums/yr)(15 lbs/drum)	15 lb/drum	Field Weight	300.00	0.15
	plastic	(7 bucket/wk)(52 wk/yr)(1.9 lb/bucket)	1.9 lb/bucket	USEPA	851.20	0.4256
	organics	(250 acres)(6.5 tons/acre)/(2000 lbs/ton)	6.5 tons/acre	DSG-CIWMB	3,250,000.00	1625
	organics	(20 yds/mo)(240 lb/yd)(12 mo/yr)	240 lb/yard	Business Estimate	57,600.00	28.8
	other	(2.5 tires/mo)(20 lb/tire)(12 mo/yr)	20 lb/each	Field Weight	360.00	0.18
	metal	(3 cans/mo)(10 lb/part)(12 mo/yr)	10 lb	Field Weight	360.00	0.18
0.00	paper	(3 bales/day)(7 days/wk)(52 wks/yr)(750 lbs/bale)	750 lb/bale	Business Estimate	3,317,576.20	1,658,7881
	plastic	(6 yds/wk)(52 wks/yr)(22.56 lb/cy)	22.56 lb/cy	Tellus	7,035.00	3,5175
	other organic	(3120 pallets/yr)(40 lbs/pallet)	(3120 pallets/yr)(40 lbs/ USEPA	Business Estimate	124,800.00	62.4
	paper	(1560 lb)(0.7)(0.7)	49% of 1560 lb/year	Field Weight	765.00	0.3825
	other organic	(15Mw)(52wks/yr)(2.5 lbs/crate)	2.5 lb/crate	Field Weight	195.00	0.0975
	paper	(5 lbs/wk)(52 wks/yr)	5 lb/week	Field Weight	260.00	0.13
	other	(6 tones/hr)(2.5 lbs/toner)	2.5 lb/toner	USEPA	15.00	0.0075
	other organic	(1.5 yd/day)(27 cf)(5 lbs/cf)(7 day/wk)(52wks/yr)	5 lb/CY	Business Estimate	#REF!	#REF!
	plastic	(6)(5 gallon bucket/wk)(52 wks/yr)(1.9 lb/bucket)	1.9 lb/bucket	USEPA	563.00	0.2865
	paper	(50wks)(52 wk/yr)(5 lb/box)	5 lb/box	Field Weight	1,300.00	0.65
	paper	(100/wk)(52 wks/yr)(1 lb/box)	1 lb/box	Field Weight	5,200.00	2.6
	paper	(200/wk)(52 wks/yr)(1.5 lb/box)	1.5 lb/box	Field Weight	15,600.00	7.8
	organics	(200 lbs/wk)(52 wks/yr)	200 lb/week	Business Estimate	10,400.00	5.2
	other	(50 lbs/day)(7 days/wk)(52 wks/yr)	50 lb/day	Business Estimate	18,200.00	9.1
0.00	paper	(2 bales/day)(7 days/wk)(52 wks/yr)(700 lbs/bale)	700 lb/bale	Field Weight	1,078,673.00	539,3365
	paper	(40 lbs/wk)(52 wks/yr)	40 lb/week	Field Weight	510,000.00	255
	other organic	(3100 pallets/yr)(40 lbs/pallet)	(3100 pallets/yr)(40 lbs/ USEPA	Business Estimate	2,080.00	1.04
	paper	(2 cases/mo)(12 mo/yr)(50lbs/case)	50 lb/box	Business Estimate	124,000.00	62
	other organic	(50 lbs/mo)(12 mo/yr)	50 lb/month	Business Estimate	300.00	0.15
	paper	(300 lbs/wk)(52 wks/yr)	300 lb/week	Business Estimate	600.00	0.3
	other	(4y)(2.5 lbs/toner)	2.5 lb/toner	USEPA	15,600.00	7.8
	other organic	(94.5 cf/wk)(52 wks/yr)(5 lb/cf)	5 lb/cf	Field Weight	10,000.00	0.005
	plastic	(6)(5-gallon tubs/mo)(12mo/yr)(1.9 lb/bucket)	1.9 lb/bucket	USEPA	24,570.00	12,285
	other	(30 lbs/day)(7 days/wk)(52 wks/yr)	30 lb/day	Business Estimate	137.00	0.0685
	paper	(330 lbs/week)(52 wks/yr)	330 lb/week	Business Estimate	10,920.00	5.46
0.00	paper	(5.5 bales/wk)(52 wks/yr)(700 lbs/bale)	700 lb/bale	Field Weight	17,160.00	8.58
	other organic	(182 pallets/yr)(40 lbs/pallet)	(182 pallets/yr)(40 lbs/pallet)	USEPA	7,280.00	3.64
	paper	(1 ream/mo)(12 mo/yr)(5 lbs/ream)(.50)	5 lb/ream	USEPA	36,400.00	18.2
	other organic	(20 boxes/week)(52 wks/yr)(2.5 lbs/box)	2.5 lb/box	Field Weight	2,600.00	1.3
	other	(4 cartridge/yr)(2.5 lbs/cartridge)	2.5 lb/toner	USEPA	10.00	0.005
	other	(30 lbs/wk)(52 wks/yr)	30 lb/week	Business Estimate	1,560.00	0.78
	paper	(25 boxes/wk)(52 wks/yr)(1.5 lbs/box)	1.5 lb/box	Field Weight	1,950.00	0.95

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0.00	paper	(15 bales/mo)(52 wkyr)(750 lbs/bale)	750 lbs/bale	Business Estimate	250,520.00	125.28
	plastic	(400 gal/wk)(52 wkyr)(22.55 lbs/cy)(1 cy/202 gal)	22.55 lb/cy	Tellus	58,000.00	232.5
	pallets	(1560 pallets/yr)(40 lbs/pallet)	(1560 pallets/yr)(40 lbs/pallet)	USEPA	2,345.00	1,172.5
	paper	(20 lbs/wk)(52 wkyr)	20 lb/wk	Business Estimate	62,400.00	31.2
	paper	20% of 1860 lbs (1860 lbs is estimate from how many cases are bought)=372 lbs/yr is in	Business Estimate	1,040.00	0.52	
	other	(6 toner/yr)(2.5 lbs/toner)	USEPA	83.00	0.0465	
	plastic	(5 buckets/wk)(1.9 lbs/bucket)(52 wkyr)	2.5 toner	15.00	0.0075	
	paper	(150 totes/wk)(52 wkyr)(1.5 lbs/box)	1.9 lbs/bucket	USEPA	494.00	0.247
	plastic	(5 lbs/shell)(50 shells/wk)(52 wkyr)	1.5 lbs/box	Field Weight	16,900.00	8.45
	other organic	(75 crates/wk)(1.1 lbs/box)(52 wkyr)	.5 lbs/shell	Field Weight	1,300.00	0.65
	other	(10 lbs/wk)(52 wkyr)	1.1 lbs/box	USEPA		
	other	(400 lbs/3 wk)(52 wkyr) 80 which is estimated to be reclaimed	10 lb/wk	Business Estimate	520.00	0.26
	paper	(75 lbs/yr)	75 lbs/yr	Business Estimate	5,548.00	2.774
0.00	paper	(10 bales/mo)(700 lbs/bale)(12 mo/yr)	700 lbs/bale	Business Estimate	75.00	0.0375
	paper	(350 lbs/man)(12 man/yr)	350 lbs/man	Business Estimate	680,020.00	340.01
	plastic	(3 yd/wk)(52 wkyr)(6.27 lb/yd)	6.27 lb/cy	Tellus	84,000.00	42
	glass	(20yd)(22cf/cy)(52 wkyr)(75 lb)	75 lb/CY	Business Estimate	351,000.00	0.49
	other organic	(520 pallets/yr)(40 lbs/pallet)	(520 pallets/yr)(40 lbs/pallet)	USEPA	20,800.00	175.5
	other organic	(251 bwk)(52 wkyr)	25 lb/week	Business Estimate	1,300.00	10.4
	other	(4 toner/mo)(2.5 lbs/toner)(12 mo/yr)	2.5 toner	USEPA	120.00	0.65
	metal	(4 drum/wk)(52 wkyr)(35 lb/drum)	35 lb/drum	Field Weight	7,280.00	3.64
	other	(20 yd/wk)(150 lb/yd)(52 wkyr)	150 lb/yard	Business Estimate	156,000.00	78
0.00					618,400.00	309.2

Attachment 10

Extrapolation

A. Sampling Method

A computerized database containing the business licenses from the County of San Benito was utilized as the sampling universe. The businesses were stratified into a large and a small strata using the 80/20 rule (large strata defined as the 80% cumulative number of employees) to determine the threshold of large and small strata. The CIWMB revised the sampling requirements to require approximately 237 samples to meet the confidence level and precision level required by the Diversion Study Guide. In addition, if audits are identified as outliers, the CIWMB has included in the methodology that studies using extrapolation must meet the required number of samples in the population being extrapolated without the outliers. So, in many cases, additional audits would be required to meet these goals. The County of San Benito approached over 260 businesses for visits, with actual data from approximately 237 on-site completed audits. The diversion data was collected through on-site visits rather than telephone or letter surveys so that information for new programs focused on the commercial and industrial businesses in the County of San Benito.

B. Methods used to prevent double counting

To prevent double counting, the regional diversion facilities for traditional recyclable materials (paper, plastic, OCC, etc.) were not quantified. In cases where the data for the same material was obtained from different sources, only one source was used to calculate diversion. These sources are identified in Section 8. An example would be information regarding CRV material that was obtained from the Department of Conservation, and so those data points were deleted from the non-residential business audits. The focus on the study was to obtain the information from the "generator" side rather than the regional diversion facility side. This method preferred because many regional diversion facilities do not know the jurisdictional source of the recyclables that they receive. Many of the end markets were unknown and experience from previous studies indicated difficulty identifying all of the regional recyclers. The only inert diversion (which was not extrapolated) that is included in the non-residential audits was not counted at the regional facility. All other inert diversion was not counted to ensure against double counting.

[REDACTED] The regional inert recycling facility started their program in the year 2000 so the diversion quantities were not included in the 1999 base year study.

Attachment 10 **Extrapolation (continued)**

C. Describe Extrapolation Method

Extrapolation is based on the “employment” based statistical extrapolation methodology. After removing the outliers (businesses with extraordinary diversion as defined below), a source reduction correlative factor for diversion, a recycling correlative factor for diversion, and a composting correlative factor for diversion were developed from the on-site audits by dividing the total diversion tons by the number of employees in the sample base. The correlative factors for diversion were developed separately for the large strata and the small strata after removing the outliers for each type of diversion practice.

The “outlier analysis” was reviewed with the CIWMB staff. The outlier analysis screening filter consisted of a two-part test. The first part is a mathematical test that identifies any individual business that has a “high” diversion correlative factor. To perform the mathematical test, first, the simple average for each strata was calculated. Next, the standard deviation was calculated. A “threshold” value that raises a red flag, was determined by adding the value of the simple average to twice the standard deviation value. The correlative diversion factor for each businesses (and each respective diversion practice) was subtracted from the threshold value. If the answer resulted in a negative value, the business data was subjected to a second part test, which consisted of the following questions.

- 1) Is this business unique in this City?
- 2) Is the diversion practice(s) unique?
- 3) Is the diversion tonnage significantly larger than achieved by similar businesses of this type and size?

If the answer to all three subparts is no, then the individual business was not considered an outlier. If the answer to any single one of the subparts is “yes”, the sample is considered an outlier and removed from the calculation of the extrapolative diversion correlative factor to prevent excessive diversion credit being given to the city. Once a sample is an outlier, the diversion from the business is only added to the final computed diversion from extrapolation diversion as an “actual sample”. Thus, the diversion from the business is counted but not extrapolated to give unreasonable diversion quantities.

Attachment 10 **Extrapolation (continued)**

D. Source of Business Listing / Sampling Population

The County of San Benito provided a business license database with approximately 1388 businesses. The California Economic Development Department Labor force database indicates approximately 26,410 employees. The University of California at Los Angeles Extension provided a separate Dunn and Bradstreet business databases. The number of businesses approached for on-site visits was approximately 260+. Site visits were conducted at 237 businesses. Approximately 17 percent of the businesses in the County of San Benito were visited. The number of employees accounted for approximately 22% of the employment in the County of San Benito.

E. Sampling Accuracy

The sampling plan statistical accuracy is based on Appendix K of the April 2001 Diversion Study Guide. The number of sample meets the minimum requirements of 90 percent confidence interval, with a plus or minus 5 percent precision level. The number of samples collected in the County of San Benito's new base year study met the minimum number of samples. This study obtained on-site data of 237 samples.

Attachment 11 **Restricted Waste**

- 11a. Restricted waste diversion program started after January 1, 1990

Inert Recycling from the Diversion Study Audits starting after 1990

During the audits, 1 tons of inert materials were identified as new programs starting after 1990. Credit was only provided to those businesses that meet one of the following three criteria: 1) a new program starting after 1990, 2) a new company in the jurisdiction after 1990, or 3) data available of inerts recycling before 1990 and during 2000 to take credit for the difference in tonnage. Note, 1 tons of restricted inert materials collected from the audits was not counted towards the total construction and demolition materials in the Diversion Study application.

Scrap Metal Recycling from the Diversion Study Audits starting after 1990

During the audits, 377 tons of scrap metal were identified as new programs starting after 1990. Credit was only provided to those businesses that meet one of the following three criteria: 1) a new program starting after 1990, 2) a new company in the jurisdiction after 1990, or 3) data available of scrap metal recycling before 1990 and during 2000 to take credit for the difference in tonnage. Thousands of tons of scrap metal were identified in the audits; only 377 tons were claimed as programs starting after 1990.

C4 D?

Attachment 11 **Restricted Waste (continued)**

- 11b. Restricted waste diversion program started before January 1, 1990

N/A

- 11c. Restricted waste diversion program started before January 1, 1990 (requested documentation available)

N/A

- 11d. Restricted waste diversion program started before January 1, 1990 (requested documentation not available)

N/A